



2017

Department of Natural Resources and Environmental Control Fee Program Evaluation



State of Delaware

Department of Natural Resources and
Environmental Control

7/31/2017

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Executive Summary

This report represents a comprehensive assessment of the fee programs operated by the Delaware Department of Natural Resources and Environmental Control (DNREC). This assessment is generated in response to the following epilogue language found in the State's annual operating budget act:

"The General Assembly herein acknowledges that certain programs within the department are funded all or in part by fee-based revenues. Every two years, the Secretary shall perform a review of fees assessed and collected by the department to determine the revenue sufficiency of the fees and programs they support and a report shall be submitted to the Director of the Office of Management and Budget and the Controller General by October 1, 2016.

The review shall identify program elements that are funded through fees and other sources and shall include an evaluation of effectiveness and efficiency. The review may include, but is not limited to, identification of operational changes that improve efficiency and effectiveness of operations and reduce costs. The Secretary shall appoint a peer review team consisting of individuals familiar with the program under review and provide them an opportunity for comment on the department's findings.

Any changes in fees that require the approval of the General Assembly shall be submitted by the department as part of the annual budgetary process."

DNREC is responsible for preserving and managing Delaware's natural resources and assuring that Delawareans have clean air, soils, and water. DNREC is a steward of over 103,300 acres of state-owned lands that are among the most ecologically diverse in the State and over 275,000 acres of public streams, rivers, bays, ocean, and associated underwater lands.

State and federal legislation authorizes DNREC to implement various programs and to collect fees from those who use or impact Delaware's natural resources. In many cases, fees are used to leverage state and federal funds to provide for the continued maintenance, protection, and operations associated with Delaware's natural resources and environment.

Natural resources and environmental protection processes and requirements constantly evolve and change. Conducting this bi-annual review of the revenue sufficiency and efficiency of DNREC's programs allows a continual flow of program data and analysis, which can be used by various stakeholders as the background support for future decision-making.

Background and Report Findings

In the previous fee assessment report (February 2013), a comprehensive review of fee programs was conducted and concluded that three programs had fees in place that were inadequate to sustain the programs at current levels. Those programs were:

- Division of Parks and Recreation-park entrance and daily park fees;
- Division of Water-surface water discharges permit fees; and
- Division of Fish and Wildlife-hunting and trapping license fees.

Since the 2013 fee assessment report, through legislation and extensive public stakeholder involvement, fees for Delaware parks, as well as hunting and trapping license fees were increased. However, the surface water discharges permit fees have not been increased.

As not many fees have been changed since the previous assessment, this report does not show significant changes in program conclusions. This report uses the state Fiscal Year 2016 as the reporting period and reflects a more summarized format to provide an update/comparison to the previous assessment. As in previous reporting years, administrative and management staff for each of the fee programs participated in extensive research and analysis to identify specific costs and revenues, and evaluated each program through various performance metrics and efficiency efforts.

In Fiscal Year 2016, DNREC utilized a total of \$209 million (table 1.0) in funding for all natural resource and environmental control activities. Of that total funding, DNREC expenditures paid from fee revenues accounted for approximately 33% (\$69.4 million). A portion of the fee revenues was used to leverage federal funds, which account for another 23% (\$48.3 million) of DNREC's total funding.

This report concludes that the evaluated programs can be categorized as follows:

1. Fees are not adequate to sustain the program at current levels:
 - Division of Water - Surface Water Discharges
2. No changes in fees are necessary at this time:
 - Coastal Programs - Coastal Zone Act Permits
 - Division of Parks and Recreation - State Parks
 - Division of Fish and Wildlife - Commercial Fishing and Shellfish
 - Division of Fish and Wildlife - Boat Registration
 - Division of Fish and Wildlife - Recreational Fishing and Finfish
 - Division of Fish and Wildlife - Recreational Hunting
 - Division of Watershed Stewardship - Sediment and Stormwater Management
 - Division of Watershed Stewardship - Shoreline and Waterway (Coastal Construction)
 - Division of Air Quality - Natural Minor Program
 - Division of Water - Ground Water Discharges
 - Division of Water - Water Supply
 - Division of Water - Wetlands and Subaqueous Lands
 - Division of Waste and Hazardous Substances - Aboveground Storage Tanks
 - Division of Waste and Hazardous Substances - Accidental Release Prevention
 - Division of Waste and Hazardous Substances - Boiler Safety
 - Division of Waste and Hazardous Substances - Hazardous Waste
 - Division of Waste and Hazardous Substances - Solid Waste
 - Division of Waste and Hazardous Substances - Underground Storage Tanks

Additional key report findings include:

- Many of DNREC's programs, particularly in the areas of air, waste, and water are delegated by the federal government and funded in part through federal grants. Such funding arrangements are cause for additional concern, given the uncertainty of potential reductions in federal funding levels.
- Most of DNREC's fees have not been increased for more than 20 years. During that time, program costs have increased, due in part to general inflation and increases in employee costs (such as healthcare, etc.). These cost increases translate into fee-funded programs

having to rely on subsidies from other sources, including state General Funds and/or other fee programs where appropriate.

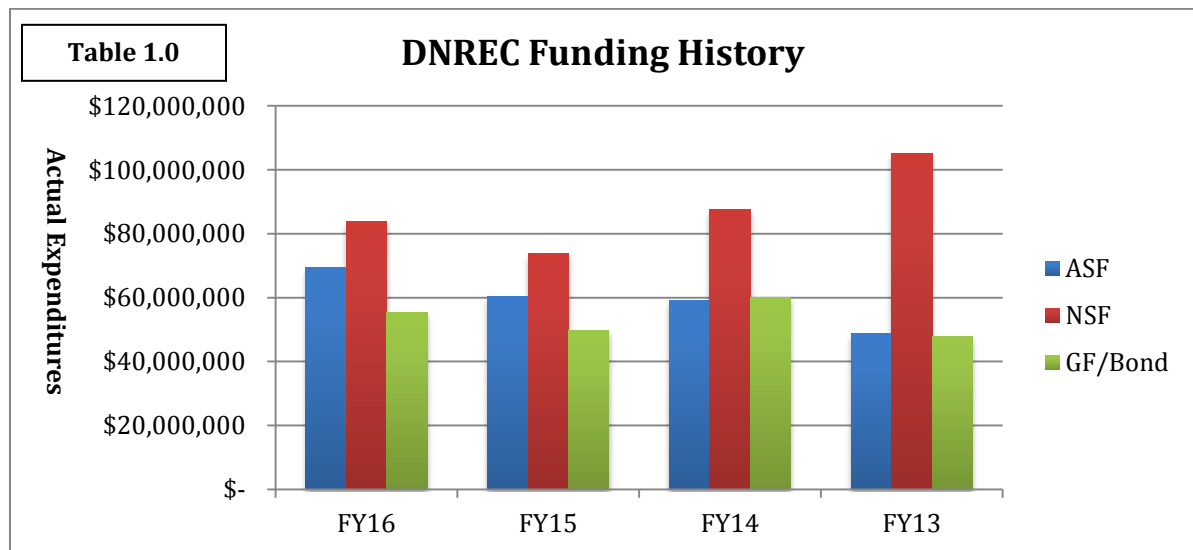
Additional program specific report findings also include:

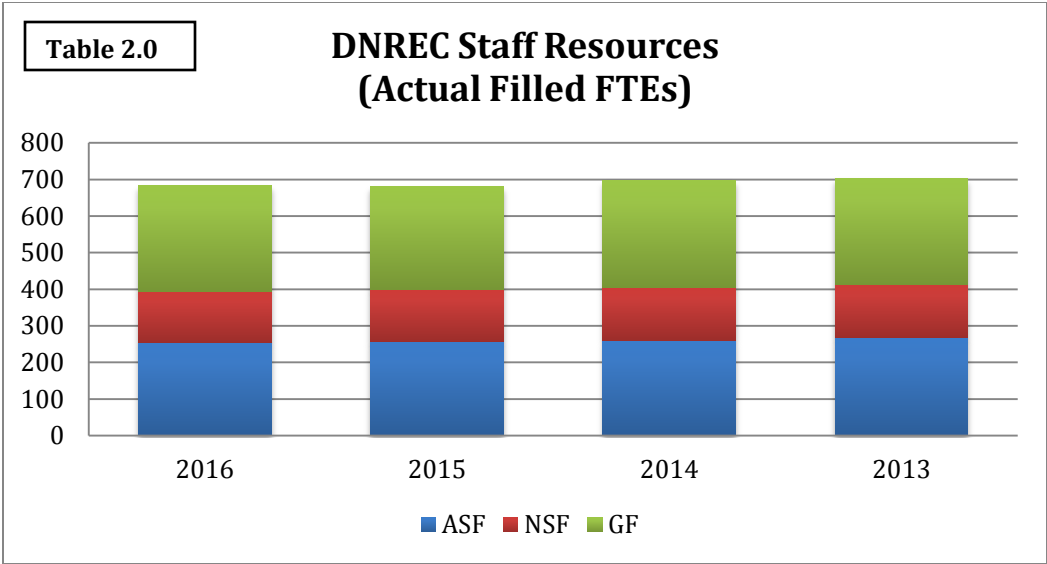
- Within the Division of Fish and Wildlife, commercial fisheries management programs are subsidized from recreational fishing program revenues.
- Within the Division of Water:
 - Permitting programs for ground water, subaqueous lands, and surface water discharges require significant investments of time and oversight, but pay reduced or no fees causing heavy reliance on other users and state General Funds.
 - Several major federally-mandated programs (aquatic pesticides, runoff, storm water, etc.) are delegated to DNREC, but there is no federal funding provided to administer these programs, requiring diversion of other funds to subsidize program operations.

As noted in the Table of Contents and several report sections, there are supplemental fee reports that can be accessed on DNREC's website (links are provided at the end of this report). These reports (State Emergency Response Commission, Title V and Hazardous Substance Cleanup Act) provide details of fee programs that are regulated under different processes or legislation and therefore, not included in the analysis of this report.

Per the epilogue mandating this report, report findings will be shared with a peer review group familiar with the programs. DNREC plans to convene stakeholders in early 2018 to gather comments.

DNREC Funding and Position History





Office of the Secretary, Coastal Programs

The Coastal Programs section includes a program that has statutory authority to charge fees and is included in this fee assessment report. The report concludes that the Coastal Programs' fee program can be categorized as follows:

- Coastal Zone Act Permits - No changes in fees are necessary at this time.

House Bill 190 (HB190) was signed by Governor Carney on August 2, 2017. This bill, known as the "Coastal Zone Conversion Permit Act," establishes a procedure to allow for the reuse of 14 existing sites of heavy industry use within the coastal zone. This bill is also the first change to the Coastal Zone Act (CZA) since its enactment in 1971. Per HB190, the Department of Natural Resources and Environmental Control (DNREC) is required to start the public workshop process to promulgate revised regulations no later than October 1, 2017 and to promulgate those regulations by October 1, 2019. After these changes are implemented, future fee assessment reports may reach a different conclusion.

Coastal Zone Act Permits

The Coastal Zone Act (CZA) prohibits the construction of new heavy industry and bulk product transfer facilities in a well-defined coastal strip. However, CZA regulations prescribe a permitting process and specific timelines for manufacturing and some other uses, as well as a process (status decision) for determining whether a specific use is allowed or prohibited by the CZA. CZA applications vary in terms of complexity, ranging from one-person mulching operations, to industrial complexes, each with varying degrees of sophistication and familiarity with the CZA and its requirements.

The number of status decisions and permitting applications is difficult to predict from year to year, but historically, three to five applications are received each year. CZA regulations carry very specific timelines for both status decisions and permits which are oftentimes challenging for program staff to meet, given the intensity of the technical and legal review and assistance required. Staff allocated to the program includes 1.0 FTE (Principal Planner) who is responsible for permits, status decisions, Freedom of Information Act requests, public inquires, early coordination with potential applicants and coordination of review with state and municipal government entities; and 0.10 Deputy Attorney General (who is involved in status decisions, appeals to the Coastal Zone Industrial Board, and any other court involvement).

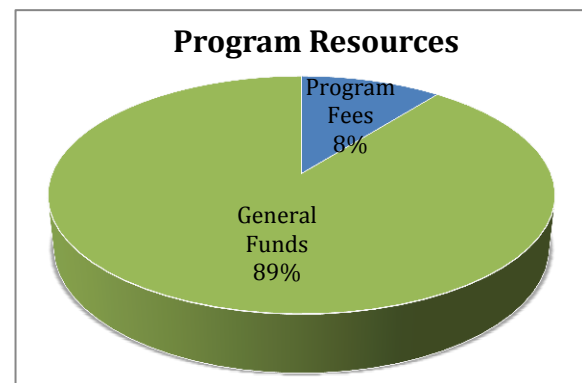
Resources to the program include program fees (application fees), but the majority of program costs are paid for by state General Funds.

Fiscal 2016 Program Costs and Resources

Program Costs:	
Personnel	\$ 100,521.92
Contractual	\$ 7,835.05
Supplies	\$ -
Other	\$ -
Total	\$ 108,356.97

Program Resources:	
Program Fees	\$ 12,000.00
Other Funds	\$ -
Federal Funds	\$ -
General Funds	\$ 100,521.92
Total	\$ 112,521.92

Staff Resources:	FTEs
General Funds	1.1
Federal Funds	0.0
Fees/Other Funds	0.0
Total	1.1



Program Conclusion

Currently, the permitting program is operating adequately, but is heavily reliant upon state General Funds. As discussed in the last fee assessment report (2013), the CZA application fees collected only cover the administrative costs of the program (court stenography, room rentals, public notices, etc.). However, fees collected do not even begin to cover the salary and legal costs associated with implementing the program. Additionally, current program resources do not allow for staff time or capacity to monitor and ensure enforcement of CZA permits issued. Any increase in fee revenues could reduce reliance on state General Funds and/or allow further investment into the program.

Program Fees

COASTAL ZONE ACT					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Coastal Zone Permit	Each Application	\$3,000.00	July 1, 1991	68 Del. Laws Chapter 86; 1991 Fee Bill	3
Complex Status Decision	Each Application	\$3,000.00	July 1, 1991	68 Del. Laws Chapter 86; 1991 Fee Bill	2
Simple Status Decision	Each Application	\$600.00	July 1, 1991	68 Del. Laws Chapter 86; 1991 Fee Bill	0

Office of Natural Resources, Division of Parks and Recreation

The Division of Parks and Recreation has statutory authority to charge visitor and user fees throughout the state park system, which are included in this fee assessment report. The report concludes that the Division of Parks and Recreation's fee program can be categorized as follows:

- State Parks - No fee changes are necessary at this time (fees were last increased in 2015).

Efficiencies and Innovations

As part of the review process associated with this report, and as prescribed in the authorizing epilogue, notable efforts to improve program efficiencies should also be recognized. For the Division of Parks and Recreation, efficiencies and innovations include:

- While the authorized staffing levels have decreased by 43 positions or (28%) since 2009, visitation to Delaware State Parks has increased by 767,653 or 16% over the past five fiscal years to an all-time high of 5,548,398 in FY16. The division continues to utilize volunteers in support of day-to-day operations in nearly every aspect of the state park system. The division's volunteer program is a leader in state government and annually recruits, trains, and deploys thousands of individuals and groups in the parks. In the past two fiscal years (FY15 – FY16), the division has averaged 106,000 volunteer hours per year, an equivalent of 54 full-time employees.
- The division has taken proactive steps to ensure that all budgets are managed in a systematic, comprehensive and fiscally sound fashion. Several initiatives include but are not limited to:
 - Establishment of a budget committee made up of division employees and DNREC's Fiscal Management section. The committee meets monthly to evaluate all revenue and expenditures by budget line, makes recommendations, and develops policy to ensure effective fiscal management of all division resources.
 - Establishment of an entrepreneurial committee that evaluates employee-recommended projects that have the potential to increase revenues and have a clearly defined amortized repayment schedule. The division allocated discretionary revenues into a budget line that provides funding for any projects that are approved. All revenue generated from the entrepreneurial projects is returned to the entrepreneurial fund and reinvested into new revenue-generating projects creating a perpetual funding source for projects that would not otherwise receive funding. The most recent projects include the addition of utilities at the North Inlet campground at Delaware Seashore State Park and construction of camping cabins at Cape Henlopen.
 - In order to construct additional utilities and new restroom facilities at Lums Pond and Cape Henlopen, the division was able to borrow money through the State's Clean Water State Revolving Fund (administered by DNREC) with a twenty-year amortization on the loan.
- The division continues to evaluate and partner with groups to promote and market the state park system while reducing costs through various efforts, including:
 - The use of social media has significantly changed the marketing of the state park system. The division is actively using Facebook, Twitter, Instagram, and Pinterest and now has more than 40,000 followers that are actively engaged on a monthly basis.

- A major focus for the division is the development of public/private partnerships. These partners invest in innovative business ventures that include capital projects, generating dedicated funding streams for parks, increasing visitation, and leveraging cross-marketing and promotional opportunities. Examples of recent concession partnerships include: Go Ape at Lums Pond, which has increased pavilion rentals, boat rentals, and daily entrance visitors; Big Chill Beach Club at Delaware Seashore, which included more than \$1 million in private capital investment-the largest in state park history; and Hammerheads, an ocean front café at the Indian River Marina.
- Other marketing partnerships include, but are not limited to, University of Delaware Athletics; Wilmington University; Winter WonderFest Christmas Light show at Cape Henlopen, which attracted more than 12,000 vehicles from 24 different states; and Delaware Tourism.
- The redevelopment of the former NVF industrial site in Yorklyn creates an innovative model whereby the State and private sector are co-developing under a single master plan, resulting in a residential and mixed-use destination community where the State retains ownership of portion of the site for recreational uses. The partnership, one of the most complex ever undertaken in Delaware, can serve as a national model for other similar projects.
- The division developed an internal Information Management System (IMS) that manages all electronic (scanned) records for land acquisitions, capital projects, contracts, concessions and leases, park facility structures and supporting infrastructure, payment tracking, and all owned and fleet-leased vehicles. This has resulted in significant time-saving and data consistency efficiencies for both field and central office staff having access to scanned electronic records.
- The division has also expanded the shoulder camping season, resulting in a 38% increase in camping user nights in just the last two years

Parks

The Division of Parks and Recreation oversees the operation of 16 state parks, the Brandywine Zoo, Baynard Stadium, Garrisons Lake and Deerfield golf courses, and the Indian River Marina for a total of approximately 26,000 acres managed. Additional land management responsibilities include 10 nature preserves, 12 other sites outside of the parks, and monitoring of 112 conservation easements that protect an additional 4,826 acres. These acres contain a variety of landscapes and natural resources from rolling terrains in northern Delaware to the coastal beaches in southern Delaware. The state park system averages over five million visitors annually.

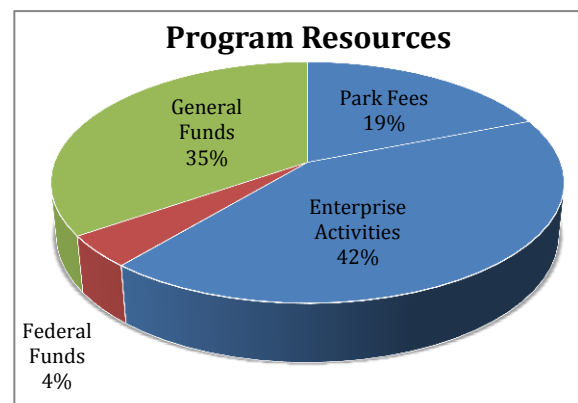
The Division of Parks and Recreation is 65% self-supporting through revenues generated by visitor and user fees, as compared to neighboring state park systems in Maryland (21%), New Jersey (25%) and Pennsylvania (30%). Revenues include a wide range of fees charged, such as annual permits, daily entrance fees, surf fishing tags, recreational camping, cabin and cottage rentals, boat rentals, pavilions, concession contracts and leases, vending machines, agricultural leases, special use facility rentals, Killens Pond Water Park, Indian River Marina fees, environmental education programs, special events, summer concert series, and retail sales. Out-of-state visitors account for 46% of total revenues collected.

Resources include state General Funds, program fees (park fees and enterprise activity fees), and federal funds (grant funds for specific park projects, AmeriCorps grant, etc.). One of the greatest resources the Division of Parks and Recreation actively pursues, but is not always seen through cost analysis, is its volunteer programs and Friends organizations. During Fiscal Year 2016, 108,500 volunteer hours were logged, which is the equivalent of 54 full-time employees.

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources:	
Personnel	\$ 14,830,950.65	Park Fees*	\$ 5,423,238.41
Contractual	\$ 10,159,721.66	Enterprise Activities**	\$ 12,035,192.35
Supplies	\$ 2,998,598.42	Federal Funds	\$ 1,223,885.32
Other	\$ 471,050.42	General Funds	\$ 9,905,002.26
Total	\$ 28,460,321.15	Total	\$ 28,587,318.34

Staff Resources:	FTEs
General Funds	94.5
Federal Funds	11.5
Fees/Other Funds	59.0
Total	165.0



***Park Fees include: Daily Entrance, Annual Permits, and Surf Fishing**

****Enterprise Activities include: Camping, Marina, Concessions, etc.**

In some years, the Division of Parks and Recreation also receives state funds through the annual Bond and Capital Improvements Bill. These funds are used toward ongoing maintenance of parks and infrastructure, as well as a backlog of construction and rehabilitation projects and critical equipment to maintain state park areas. However, these funds are not allocated every year and are therefore not included in the analysis shown in this report. The division's greatest challenge is managing approximately \$160 million in deferred capital projects and maintenance. In order to effectively address the deferred capital backlog, the division would require \$7-8 million of capital investment annually.

Program Conclusion

Since the last fee assessment report (2013), the Division of Parks and Recreation successfully implemented daily park entrance, annual permit and surf fishing tag fee increases through a process established by Section 93 of the Fiscal Year 2015 Bond and Capital Improvements Act. The Division received overwhelming support from state park users during the process; 91.4% of users stated the increases were either just right or too little was being requested. These fee increases became effective February 15, 2015. The fee increases resulted in increased annual revenue amount of \$1.4 million.

The state park system is operating efficiently with the increase in revenue. However, as discussed in the last fee assessment report (2013), one of the most significant challenges to the system is the carrying capacity of existing revenue-generating parks. In their current state, these venues aren't able to accommodate additional visitors (i.e. beach parks, camping, surf fishing areas) to generate additional revenue without significant capital and infrastructure improvements and/or expansions which require capital investment.

Program Fees

PARK FEES					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Source	Estimated # Issued Annually
Annual Permit - Delaware Registered Vehicle	Annual	\$35.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	20,300
Annual Permit - Out of State Registered Vehicle	Annual	\$70.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	4,530
Annual Permit - Delaware Senior Discount	Annual	\$18.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	9,020
Annual Permit - Out of State Senior Discount	Annual	\$35.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	5,100
Annual Permit - Delaware Lifetime Senior	One-Time	\$65.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	2,090

PARK FEES					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Source	Estimated # Issued Annually
Surf Fishing – Delaware Registered Vehicle	Annual	\$80.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	7,120
Surf Fishing – Non-Resident Registered Vehicle	Annual	\$160.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	2,850
Surf Fishing Senior – Delaware Registered Vehicle	Annual	\$70.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	1,540
Surf Fishing Senior – Non-Resident Registered Vehicle	Annual	\$140.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	600
Two-Year Surf Fishing – Delaware Registered Vehicle	Two-Year	\$160.00	February 15, 2015	75 Del. Laws, Chapter 98, Section 83(a), Bond Bill;	1,700
Two-Year Surf Fishing – Non-Resident Registered Vehicle	Two-Year	\$320.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	210
Two-Year Surf Fishing Senior – Delaware Registered Vehicle	Two-Year	\$140.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	610
Two-Year Surf Fishing Senior – Non-Resident Registered Vehicle	Two-Year	\$280.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	60
Daily Entrance Inland – Delaware Registered Vehicle	Daily	\$4.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	103,100
Daily Entrance Inland – Out of State Registered Vehicle	Daily	\$8.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	38,600
Daily Entrance Ocean – Delaware Registered Vehicle	Daily	\$5.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	71,350
Daily Entrance Ocean – Out of State Registered Vehicle	Daily	\$10.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	126,200
Daily Bus Fee – Mini (16-30 passengers) Delaware Registered Vehicle	Daily	\$17.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	Not estimated
Daily Bus Fee – Mini (16-30 passengers) Out of State Registered Vehicle	Daily	\$34.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	Not estimated

PARK FEES					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Source	Estimated # Issued Annually
Daily Bus Fee – Large (over 30 passengers) Delaware Registered Vehicle	Daily	\$34.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	Not estimated
Daily Bus Fee – Large (over 30 passengers) Out of State Registered Vehicles	Daily	\$68.00	February 15, 2015	75 Del. Laws, Chapter 98; Section 83(a), Bond Bill	Not estimated

There are multiple exemptions to the program fees listed above. Such exemptions include, but are not limited to:

- Residents who are disabled, and who hold a valid and current Gold access Passport Card, as issued by the National Park Service;
- Resident U.S. military and Delaware National Guard members who served in Southwest Asia associated with Operation Enduring Freedom, Operation Iraqi Freedom (eligible for fee exemption for the first 12 months following the date the resident was honorably discharged or removed from active status);
- Resident U.S. military and Delaware National Guard members who own a Delaware-registered motor vehicle are eligible for 50% reduction in annual fees;
- Residents who are active Delaware volunteer firefighters, volunteer emergency medical technicians, and/or life-members of a Delaware volunteer fire department are entitled to receive an annual surf fishing vehicle permit free of charge; and
- Firefighters, emergency medical technicians, or life-members who volunteer in Delaware, but live out of state, are entitled to receive annual surf fishing vehicle permits at the Delaware resident rate.

It is estimated that these exemptions result in uncollected revenues of approximately \$102,260 annually.

The Division of Parks and Recreation annually reviews and adjusts all non-entrance program charges. These charges (such as site rentals, recreation fees, and other miscellaneous charges) can be found at: <http://www.destateparks.com/fees/>.

Office of Natural Resources, Division of Fish and Wildlife

The Division of Fish and Wildlife includes several programs that have statutory authority to charge fees and are included in this fee assessment report. The report concludes that the Division of Fish and Wildlife's programs can be categorized as follows:

- Boating Registration - No fee changes necessary at this time.
- Commercial Fishing and Shellfish - No fee changes necessary at this time.
- Recreational Fishing and Finfish - No fee changes necessary at this time.
- Recreational Hunting - No fee changes are necessary at this time (further assessment necessary after newly approved increases become effective).

Key program finding are similar to the last fee assessment report (2013), and include:

- Commercial fisheries management programs are subsidized from recreational fishing program revenues.

Efficiencies

As part of the review process associated with this report, and as prescribed in the authorizing epilogue, notable efforts to improve program efficiencies should also be recognized. For the Division of Fish and Wildlife, significant efficiencies include:

- Through implementation of e-Government Licensing Services and the Fishing Information Network (FIN), the Division of Fish and Wildlife saves in excess of \$200,000 annually. The automation of these public services has recognized efficiencies in revenue collections and control, administrative time and efforts, compliance deficiencies, customer service, protection of confidential information, and tangible savings for retail licensing agents.
- The division has used volunteer services for many years in various capacities. The division generates approximately \$175,000 in volunteer in-kind match annually, which can be used in lieu of state license fees to leverage federal funding.

Boat Registration

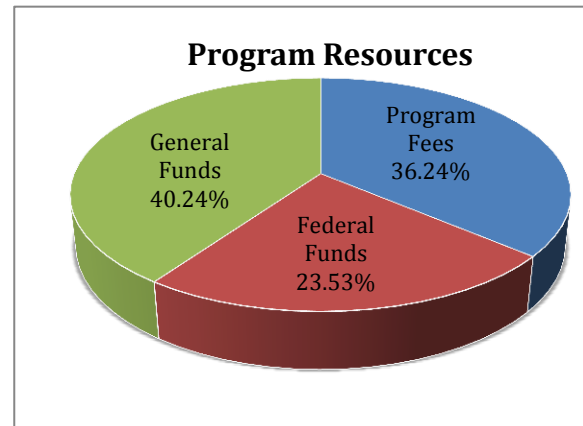
The boat registration fee program was established to support the State's Recreational Boating Safety Program. These efforts support marine law enforcement, boating safety education, vessel registration, accident investigation, program administration, maintenance and improvements of public launching facilities, and fisheries research. Per Delaware Code, any person born on or after January 1, 1978, may not operate a vessel on Delaware waters without first successfully completing a boating safety education course as prescribed by DNREC. Also required by Delaware Code, funds must be appropriated annually to allow for one Fish and Wildlife Agent (plus equipment and related expenses) for each 2,000 boats registered. Lastly, fees collected may also be used to support fisheries research including commercial and shell fisheries administration and research, such as critical conch research and various other species management initiatives. These requirements effectively institute a user pay-user benefit fee structure.

Resources include state General Funds, program fees (boat registration fees), and federal funds. Federal funds are primarily derived from Boating Safety Financial Assistance, which is collected from a tax on fuel used in motorboats and annually apportioned to states through the federal Aquatic Resources Fund.

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources:	
Personnel	\$ 2,348,150.63	Program Fees	\$ 1,273,869.36
Contractual	\$ 681,486.48	Other Funds	\$ -
Supplies	\$ 265,299.17	Federal Funds	\$ 827,024.54
Other	\$ 15,403.05	General Funds	\$ 1,414,616.17
Total	\$ 3,310,339.33	Total	\$ 3,515,510.07

Staff Resources:	FTEs
General Funds	18.6
Federal Funds	4.6
Fees/Other Funds	7.9
Total	31.0



Program Conclusion

The Boat Registration program is operating adequately. However, as the number of boating registrations rise, the need for additional enforcement officers (operating expenses) rises accordingly. As discussed in the previous fee assessment report (2013), in order to make the program a full user pay-user benefit model, and to provide savings to the General Fund, fee increases would be necessary to cover the growing operating costs and offset the General Fund dollars.

Since the last fee assessment report (2013), boating registration fees were increased to double their original amount, via Senate Bill 261. These increases became effective January 1, 2017. However, all increases (50% of the total registration fees) collected are allocated to a newly created Waterway Management Fund, which is administered by DNREC's Division of Watershed Stewardship. The Waterway Management Fund is used to maintain waterways, including dredging, navigational channel marking, and abandoned vessel and debris removal activities.

Program Fees

BOATING					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Boat Registration Class A: up to 16'	Calendar	\$20.00/one year; \$60.00/three years	January 1, 2017	23 Del. C. §2113	3,701 5,042
Boat Registration Class 1: 16' – 26'	Calendar	\$40.00/one year; \$120.00/three years	January 1, 2017	23 Del. C. §2113	8,802 7,795
Boat Registration Class 2: 26' – 40'	Calendar	\$60.00/one year; \$180.00/three years	January 1, 2017	23 Del. C. §2113	3,537 2,295
Boat Registration Class 3: 40' – 65'	Calendar	\$100.00/one year; \$300.00/three years	January 1, 2017	23 Del. C. §2113	3,615 1,643
Boat Registration Class 4: '65-over	Calendar	\$120.00/one year; \$360.00/three years	January 1, 2017	23 Del. C. §2113	904 211
Boat Registration Transfer	Calendar	\$3.45	July 1, 1990	23 Del. C. §2113	3,086
Boat Registration Duplicate	Calendar	\$2.30	July 1, 1990	23 Del. C. §2113	18,405
Tidal Ramp Certificate	Calendar	\$35.00	July 1, 1990	23 Del. C. §2113	1,032

Commercial Fishing and Shellfish

The Commercial and Shellfish licensing program is implemented to provide for the conservation and management of commercial fisheries and shellfish and to ensure that Delaware is in compliance with state and federal fisheries management plans. This program also monitors and manages Delaware's commercial and shellfish stocks and conducts research on species of commercial interest including horseshoe crabs and blue crabs.

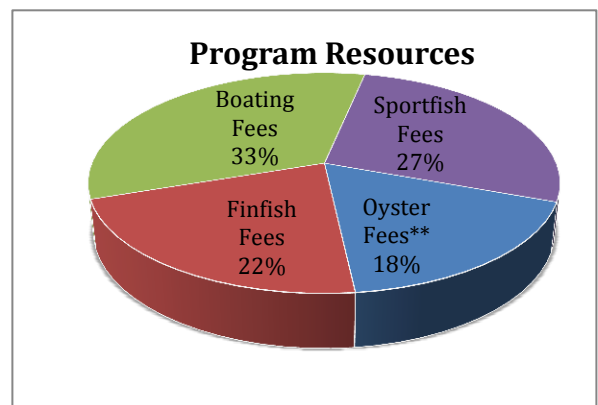
Commercial licensing fees are collected for crab, clam, conch, lobster, oyster, and eel fisheries. On a statistical basis, while commercial fishermen are much fewer than recreational fishermen, on a cost/unit basis, commercial fishing accounts for a greater percentage of landings.

While this program collects fees as mentioned above, all of those licensing fees (with the exception of oyster fees) are deposited directly to the General Fund (\$49,679.50 in Fiscal Year 2016). This means that actual resources used to cover the costs of the program come from various other fee sources. These sources include finfish license fees and sportfish restoration fees, as the species managed for recreational and commercial fishing are the same; and boating license fees used to support administration and launching facilities, which are also utilized by commercial boats. There are no federal funds available for this program.

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources*:	
Personnel	\$ 94,949.59	Oyster Fees**	\$ 27,674.63
Contractual	\$ 2,841.10	Finfish Fees	\$ 33,755.00
Supplies	\$ 8,553.86	Boating Fees	\$ 52,307.56
Other	\$ 11.24	Sportfish Fees	\$ 42,642.03
Total	\$ 106,355.79	Total	\$ 156,379.22

Staff Resources:	FTE
General Funds	0.00
Federal Funds	0.00
Fees/Other Funds	1.67
Total	1.67



*Crab, clam, conch, lobster, and eel licensing fees are deposited directly to the General Fund (\$49,679.50 in Fiscal Year 2016) and not reallocated back to the program as available resources.

**Oyster fees are dedicated by Delaware Code and expended bi-annually, as they accumulate, to develop and research natural oyster beds.

Program Conclusion

The Commercial Fishing and Shellfish program is operating adequately. However, as discussed in the last fee assessment report (2013), the program could serve as a self-sustaining, cost-recovery program if fees were increased and collections were shifted back to the program (rather than into the General Fund). Such a change would ensure that the commercial fisheries and shellfish industry is paying for the full administration of the program, with an appropriate portion of finfish and sportfish fees still contributing toward the costs of species research and management.

Since the last fee assessment report (2013), a new commercial shellfish program-aquaculture, was established by House Bill 160, which was signed by Governor Markell on August 28, 2013. This program has not yet begun collecting revenues, due to the regulatory process required prior to implementation. The program is anticipated to begin implementation and fee collection in Fiscal Year 2018.

Program Fees

Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Resident Commercial Fin Fish Bag Net	Calendar	\$10.00/Net	1984	7 Del. C. §915	1
Nonresident Commercial Fin Fish Bag Net	Calendar	\$100.00/Net	1984	7 Del. C. §915	0
Resident Commercial Food Fishing License	Calendar	\$150.00	1984	7 Del. C. §914	172
Nonresident Commercial Food Fishing License	Calendar	\$1,500.00	1984	7 Del. C. §914	0
Resident Commercial Fish Pot Permit	Calendar	\$1.00/pot or trap	1984	7 Del. C. §915	35
Nonresident Commercial Fish Pot Permit	Calendar	\$10.00/pot or trap	1984	7 Del. C. §915	0
Resident Commercial Fyke Net Permit	Calendar	\$5.00 per Fyke; not exceeding 72 inches in diameter and with wings or leaders not exceeding 30 fathoms (180 ft.) in length	1984	7 Del. C. §915	10

DNREC Fee Assessment, 2017

Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Nonresident Commercial Fyke Net Permit		\$50.00 per Fyke; not exceeding 72 inches in diameter and with wings or leaders not exceeding 30 fathoms (180 ft.) in length	1984	7 Del. C. §915	0
Resident Commercial Gill Net License	Calendar	\$5.00 per 100 yds or any part thereof	1984	7 Del. C. §915	117
Nonresident Commercial Gill Net License	Calendar	\$50.00 per 100 yards or any part thereof	1984	7 Del. C. §915	0
Resident Commercial Oyster Harvest License	Calendar	\$57.50	July 1, 2001	7 Del. C. §2101	183
Nonresident Commercial Oyster Harvest License	Calendar	\$575.00	July 1, 2001	7 Del. C. §2101	0
Resident Shellfish Oyster Grounds Lease (Kent County)	Annual	\$0.90 per acre	August 28, 2013	7 Del. C. §1907	5
Nonresident Shellfish Oyster Grounds Lease (Kent County)	Annual	\$12.50	August 28, 2013	7 Del. C. §1907	0
Resident Oyster Harvest Fee	Calendar	\$1.25/bushel	July 1, 2001	7 Del. C. §2105	Based on yearly allotment
Nonresident Oyster Harvest Fee	Calendar	\$12.50/bushel	July 1, 2001	7 Del. C. §2105	0
Aquaculture-Lease Application Fee	Calendar	\$300.00	August 28, 2013	7 Del. C. §2007	0
Aquaculture-Resident Administration Fee	Calendar	\$100.00 per acre	August 28, 2013	7 Del. C. §2007	0
Aquaculture-Nonresident Administration Fee	One-time	\$1,000.00 per acre	August 28, 2013	7 Del. C. §2007	0
Aquaculture-Harvester License for Non-leaseholders	Annual	\$25.00	August 28, 2013	7 Del. C. §2009	0

Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Aquaculture-Nonresident Shellfish Grounds Lease	Annual	\$11.50 per acre	August 28, 2013	7 Del. C. §1907	0
Aquaculture-Nonresident Shellfish Grounds Lease (for valid lease holders in existence on 8/28/13)	Annual	\$1.75 per acre	August 28, 2013	7 Del. C. §1907	0
Aquaculture-Shellfish Grounds Lease Corners	One-time	\$17.25 per corner	August 28, 2013	7 Del. C. §1907	0
Resident Commercial Clam Tonger	Calendar	\$57.50	July 1, 2001	7 Del. C. §2408	54
Nonresident Commercial Clam Tonger	Calendar	\$575.00	July 1, 2001	7 Del. C. §2408	0
Resident Commercial Lobster Pot	Calendar	\$57.50	July 1, 2001	7 Del. C. §2504	14
Nonresident Commercial Lobster Pot	Calendar	\$575.00	July 1, 2001	7 Del. C. §2504	0
Resident Commercial Eel Pot	Calendar	\$115.00	1978	7 Del. C. §1802	65
Nonresident Commercial Eel Pot	Calendar	\$1,115.00	1984	7 Del. C. §1802	0
Resident Commercial Conch Pot	Calendar	\$57.50	July 1, 2001	7 Del. C. §2802	65
Nonresident Commercial Conch Pot	Calendar	\$575.00	July 1, 2001	7 Del. C. §2802	1
Resident Commercial Clam Dredge	Calendar	\$57.50	July 1, 2001	7 Del. C. §2402	20
Nonresident Commercial Clam Dredge	Calendar	\$575.00	July 1, 2001	7 Del. C. §2402	0
Resident Commercial Crab Dredge	Calendar	\$57.50	July 1, 2001	7 Del. C. §2307	34

Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Nonresident Commercial Crab Dredge	Calendar	\$575.00	July 1, 2001	7 Del. C. §2307	1
Resident Commercial Conch Dredge	Calendar	\$57.50	July 1, 2001	7 Del. C. §2803	41
Nonresident Commercial Conch Dredge	Calendar	\$575.00	July 1, 2001	7 Del. C. §2803	1
Resident Commercial Horseshoe Crab Collector	Calendar	\$100.00	May 1, 1991	68 Del. Laws c. 33, Sec. 2.	30
Nonresident Commercial Horseshoe Crab Collector	Calendar	\$1,000.00	May 1, 1991	68 Del. Laws c. 33, Sec. 2.	0
Resident Commercial Horseshoe Crab Dredge	Calendar	\$100.00	May 1, 1991	68 Del. Laws c. 33, Sec. 2.	2
Nonresident Commercial Horseshoe Crab Dredge	Calendar	\$1,000.00	May 1, 1991	68 Del. Laws c. 33, Sec. 2.	0
Resident Commercial Crab Pot	Calendar	\$28.75 up to 50 pots, \$57.50 up to 100 pots, \$86.25 up to 150 pots, \$115.00 up to 200 pots	July 1, 2001	7 Del. C. §2303	210
Nonresident Commercial Crab Pot	Calendar	\$287.50 up to 50 pots, \$575.00 up to 100 pots, \$862.50 up to 150 pots, \$1,150 .00 up to 200 pots	July 1, 2001	7 Del. C. §2303	0
Resident Commercial Surf Clam	Calendar	\$50.00	March 29, 1984	7 Del. C. §2601	0
Nonresident Commercial Surf Clam	Calendar	\$500.00	March 29, 1984	7 Del. C. §2601	0

Recreational Fishing and Finfish

To participate in fishing, crabbing, or clamming in Delaware's tidal and non-tidal waters, every angler is required to obtain a fishing license (some exemptions apply, see Program Fees section). Fishing license revenue is dedicated (as per Delaware Code) to fisheries conservation, administration of the program, and earmarked to secure match funding allotted to Delaware by the U.S. Department of Interior, Fish and Wildlife Service. Any remaining funds can be used in accordance with state and federal guidelines to manage wildlife resources.

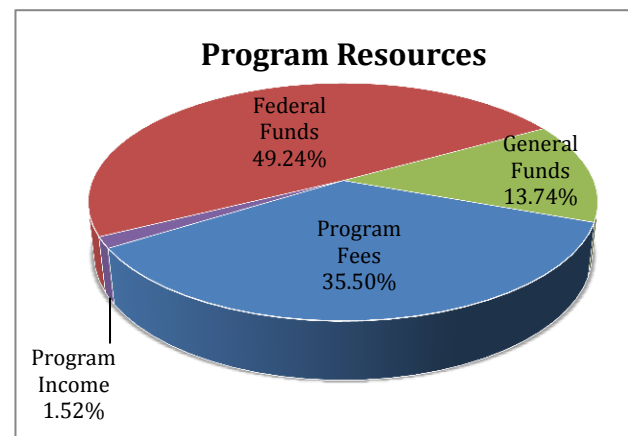
The program is managed by the Division of Fish and Wildlife's Fisheries Section. Continuous program operations include: ensuring compliance with 23 fishery management plans administered by the Atlantic States Marine Fisheries Commission, as well as federal fisheries management plans (an 'out of compliance' determination could result in a federally administered closing of a fishery); maintenance and development of fishing access areas (ramps, parking lots, piers, etc.); research projects and programs to monitor population trends and gather key biological information; and various other activities such as aquatic education and technical assistance to private landowners for aquatic weed control and pond maintenance.

Resources include state General Funds, program fees (fishing licenses), program income (boat ramp certificates, facility rentals, cost recoveries, etc.) and federal funds. A significant portion of the program fees and state General Funds are used as leverage/match to obtain the federal funds.

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources:	
Personnel	\$ 2,357,896.92	Program Fees	\$ 2,077,990.56
Contractual	\$ 1,612,483.62	Program Income	\$ 89,147.42
Supplies	\$ 870,779.93	Federal Funds	\$ 2,882,182.64
Other	\$ 267,181.80	General Funds	\$ 804,375.37
Total	\$ 5,108,342.27	Total	\$ 5,853,695.99

Staff Resources:	FTE
General Funds	5.3
Federal Funds	7.5
Fees/Other Funds	14.3
Total	27.0



In some years, the Fisheries Section also receives state funds through the annual Bond and Capital Improvements Bill. These funds are used toward a backlog of construction and rehabilitation projects and necessary equipment to maintain state fish and wildlife areas. However, these funds are not allocated every year and are therefore not included in the analysis shown in this report.

Program Conclusion

Currently, the Recreational Fishing program is operating adequately. However, as concluded in the last fee assessment report (2013), increased license fees would allow for program enhancements, such as improving fisheries management and enhancement of fisheries access in a more timely manner (e.g. instead of waiting for carryover amounts to accumulate over several years for large construction projects (boat ramps, parking lots, etc.), generated revenues would allow such projects to occur on a yearly basis).

Program Fees

Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Resident Fishing (Age 16 and Over)	Calendar	\$8.50	July 1, 2007	7 Del. C. §508	51,914
Nonresident Fishing (Age 16 and Over)	Calendar	\$20.00	July 1, 2007	7 Del. C. §508	22,289
7-Day Nonresident Fishing (Age 16 and Over)	7-Day License	\$12.50	July 1, 2007	7 Del. C. §508	16,971
Resident Fishing Guide	Calendar	\$100.00	July 1, 2007	7 Del. C. §504	0
Nonresident Guide /Fishing (Age 16 and Over)	Calendar	\$300.00	July 1, 2007	7 Del. C. §508	0
Resident Trout Stamp (Age 16 - 64))	Calendar	\$4.20	June 1, 2000	7 Del. C. §1125	6,841
Resident Young Angler Trout Stamp (Age 12-15)	Calendar	\$2.10	June 1, 2006	7 Del. C. §1125	268
Nonresident Trout Stamp (Age 12 and Over)	Calendar	\$6.20	June 1, 2000	7 Del. C. §1125	934
Resident Boat Fishing (20' Vessel and Below)	Calendar	\$40.00	July 1, 2007	7 Del. C. §504	3,075
Resident Boat Fishing (Over 20' Vessel)	Calendar	\$50.00	July 1, 2007	7 Del. C. §504	2,336
Resident Head Boat License	Calendar	\$300.00	July 1, 2007	7 Del. C. §504	8
Resident Charter Boat License	Calendar	\$150.00	July 1, 2007	7 Del. C. §504	36
Nonresident Boat Fishing (20' Vessel and Below)	Calendar	\$40.00	July 1, 2007	7 Del. C. §508	2,337

Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Nonresident Boat Fishing (Over 20' Vessel)	Calendar	\$50.00	July 1, 2007	7 Del. C. §508	2,568
Nonresident Head Boat License	Calendar	\$600.00	July 1, 2007	7 Del. C. §508	5
Nonresident Charter Boat License	Calendar	\$300.00	July 1, 2007	7 Del. C. §508	24
Resident Hoop Net Permit	Calendar	\$10.00 Per Net; not exceeding 72 inches in diameter	May 1, 2001	7 Del. C. §915	4
Nonresident Hoop Net Permit	Calendar	\$100.00 per Net; not exceeding 72 inches in diameter	May 1, 2001	7 Del. C. §915	0
Resident Common Haul Seine	Calendar	\$25.00 (more than 300 ft.)	May 1, 2001	7 Del. C. §915	4
Nonresident Common Haul Seine	Calendar	\$250.00 (more than 300 ft.)	May 1, 2001	7 Del. C. §915	0
Resident Recreational Gill Net License	Calendar	\$5.00 up to 200 feet of net	May 1, 2001	7 Del. C. §915	353
Nonresident Recreational Gill Net License	Calendar	\$50.00 up to 200 feet of net	May 1, 2001	7 Del. C. §915	Combined with Residential
Resident noncommercial Clam Tonger	Calendar	\$5.75	July 1, 2001	7 Del. C. §2402	356
Nonresident noncommercial Clam Tonger	Calendar	\$57.50	July 1, 2001	7 Del. C. §2402	Combined with Residential

There are multiple exemptions to the program fees listed above. Such exemptions include, but are not limited to:

- Residents and non-residents under 16 years of age (a license exempt number is issued at no charge);
- U.S. Armed Forces military hospital patients;
- Resident disabled veterans (60% or greater disabled);
- Resident U.S. military and Delaware National Guard members who served in Southwest Asia associated with Operation Enduring Freedom, Operation Iraqi Freedom;
- Persons who are blind;

- Residents owning 20 or more acres and their families are exempt while on their own property;
- Non-residents owning 20 or more acres, but do not live on their property, and their families are exempt while on their own property;
- Non-resident military members who are stationed in Delaware may purchase all recreational licenses at the resident rates;
- All individuals who are on a boat with a boat fishing license are exempt from the purchase of an individual license; and
- The operator of a vehicle with a surf fishing permit is exempt from the purchase of a fishing license.

Due to the existing licensing system structure, the annual uncollected revenues associated with these exemptions could not be calculated.

Recreational Hunting

To participate in hunting or trapping in Delaware, every resident and non-resident is required to obtain a state hunting or trapping license or a license-exempt number. The hunting and trapping license program is implemented by the Licensing and Outreach Section and revenues generated are administered by the Wildlife Section, both within DNREC's Division of Fish and Wildlife. License revenues are dedicated (per Delaware Code) to wildlife conservation, administration of the wildlife licensing program, and earmarked to secure matching funds allotted to Delaware by the U.S. Department of Interior, Fish and Wildlife Service. Any remaining funds can be used in accordance with state and federal guidelines to manage wildlife resources.

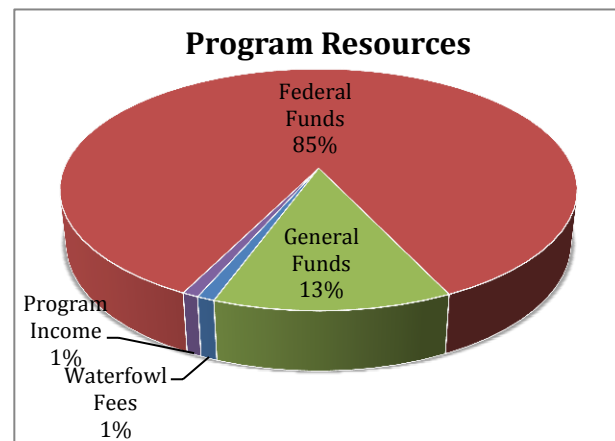
Operations within the Wildlife Section include maintenance of 20 wildlife areas, habitat management (invasive species management, habitat plantings, and controlled burns), establishing and monitoring wildlife nesting structures, establishing and maintaining recreational deer stands and waterfowl blinds, and managing water control structures. Program resources are also used to conduct research and surveys to monitor populations and harvest rates of games species (waterfowl, turkey, deer, etc.), implement hunter and trapper education programs, and provide technical assistance to private landowners on wildlife habitat improvements.

Resources include state General Funds, program fees (hunting and trapping licenses, waterfowl stamps, land lease fees, fees from the Ommelanden Range, and other rents/rights), and federal funds. A significant portion of the program fees and state General Funds are used as leverage/match to obtain the federal funds.

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources:	
Personnel	\$ 2,479,070.12	Hunting Fees	\$ 1,130,946.51
Contractual	\$ 3,481,696.60	Waterfowl Fees	\$ 96,842.26
Supplies	\$ 370,810.19	Program Income	\$ 89,147.42
Other	\$ 166,585.04	Federal Funds	\$ 8,820,821.01
Land Acquisition*	\$ 4,846,223.96	General Funds	\$ 1,300,171.48
Total	\$ 11,344,385.91	Total	\$ 11,437,928.68

Staff Resources:	FTE
General Funds	7.5
Federal Funds	17.9
Fees/Other Funds	14.6
Total	40.0



**Land acquisition costs shown were paid for with federal funds. However, these federal funds often require state match funds.*

In some years, the Wildlife Section also receives state funds through the annual Bond and Capital Improvements Bill. These funds are used toward a backlog of construction and facility rehabilitation projects and replacement of equipment necessary to maintain state fish and wildlife areas; however these funds are not allocated every year, and therefore not included in the analysis shown in this report.

Program Conclusion

As discussed in the previous fee assessment report (2013), due to federal program eligibility and compliance requirements, current state funding is insufficient or ineligible as match for federal funds. As such, the Wildlife Section has to rely on alternative resources for meeting state match requirements such as volunteer in-kind services, private donations, and third-party contributions (university partnerships, etc.) to leverage federal funds. Collectively, the current fees, state General Fund and alternative funding support needed to match federal grants are not sufficient to sustain the program. However, effective July 1, 2017 a newly approved hunting and trapping license fee increase will become effective, as well as a new conservation access pass required (for anyone not purchasing a hunting license) for motor vehicles accessing public wildlife lands, so future assessments may determine a different conclusion.

Program Fees

RECREATIONAL HUNTING					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Resident Hunt (Age 16-64)	Fiscal	\$39.50	July 1, 2017	7 Del. C. §504	14,131
Low Number Hunt	Fiscal	\$39.50	July 1, 2017	7 Del. C. §504	905
Resident Junior Hunt (Age 13-15)	Fiscal	\$5.00	July 1, 2007	7 Del. C. §504	660
Resident Guide/Hunting (Age 16-64)	Fiscal	\$159.50	July 1, 2017	7 Del. C. §504	38
Nonresident Hunt (Age 16 and Over) (\$130.00 or once agents can access online reciprocal fees, the higher of the two for a general hunting license)	Fiscal	\$199.50	July 1, 2017	7 Del. C. §508	1,997
Nonresident Junior Hunt (Age 13-15)	Fiscal	\$50.00	July 1, 2007	7 Del. C. §508	60
Nonresident 3-Day Hunt (Age 16 and Over) (3-Day not valid for Deer or Turkey)	3-Day License	\$75.00	July 1, 2017	7 Del. C. §508	802
Nonresident Guide /Hunting (Age 16 and Over)	Fiscal	\$475.00	July 1, 2017	7 Del. C. §508	13

RECREATIONAL HUNTING					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Resident Trapping	Fiscal	\$10.00	July 1, 2017	7 Del. C. §504	274
Nonresident Trapping	Fiscal	\$75.00	July 1, 2017	7 Del. C. §508	18
Resident Hunters Choice Tag	Fiscal	\$20.00	July 1, 2017	7 Del. C. §504	12,936
Antlerless Tag	Fiscal	\$20.00	July 1, 2017	7 Del. C. §504	1,543
Nonresident Quality Buck Tag	Fiscal	\$50.00	July 1, 2017	7 Del. C. §508	669
Nonresident Antlered Tag	Fiscal	\$50.00	July 1, 2017	7 Del. C. §508	270
Resident Conservation Access Pass	Fiscal	\$32.50	July 1, 2017	7 Del. C. §521	Estimated 839 total to be sold (combination between 4 types)
Resident Conservation Access Pass 3-Day Fee	Fiscal	\$10.00	July 1, 2017	7 Del. C. §521	
Nonresident Conservation Access Pass	Fiscal	\$65.00	July 1, 2017	7 Del. C. §521	
Nonresident Conservation Access Pass 3-Day Fee	Fiscal	\$20.00	July 1, 2017	7 Del. C. §521	
Public Blind/Deer Stand Day Permit	Fiscal	\$20.00	July 1, 2007	7 Del. C. §521	3,140
Resident Waterfowl Stamp (Age 16-64)	Fiscal	\$15.00	July 1, 2017	7 Del. C. §517	7,179
Nonresident Waterfowl Stamp (Age 16 and Over)	Fiscal	\$15.00	July 1, 2017	7 Del. C. §517	1,691
Resident Fur Dealers	Fiscal	\$50.00	July 1, 2017	7 Del. C. §529	4
Nonresident Fur Dealers	Fiscal	\$475.00	July 1, 2017	7 Del. C. §529	1
Breeders Permit	Fiscal	\$17.50	July 1, 2017	7 Del. C. §543	11
Propagating Permit	Calendar	\$39.50	July 1, 2017	7 Del. C. §566	10

There are multiple exemptions to the program fees listed above. Such exemptions include, but are not limited to:

- Residents under 13 years of age and residents 65 years of age or older (a license exempt number is issued at no charge);
- U.S. Armed Forces military hospital patients;
- Resident disabled veterans (60% or greater disabled);

- Resident U.S. military and Delaware National Guard members who served in Southwest Asia associated with Operation Enduring Freedom, Operation Iraqi Freedom;
- Persons who are blind;
- Residents owning 20 or more acres and their families are exempt while on their own property;
- Non-residents owning 20 or more acres, but do not live on their property, and their families are exempt while on their own property;
- Non-resident military members who are stationed in Delaware may purchase all recreational licenses at the resident rates;
- Non-resident snow goose hunters who have reciprocity with Delaware (only Maryland residents at this time); and
- Unarmed residents and non-residents are exempt from the purchase of a hunting license while participating in a fox hunt.

Due to the existing licensing system structure, the annual uncollected revenues associated with these exemptions could not be calculated.

Office of Natural Resources, Division of Watershed Stewardship

The Division of Watershed Stewardship includes two programs that have statutory authority to charge fees which are included in this fee assessment report. The report concludes that the Division of Watershed Stewardship's fee programs can be categorized as follows:

- Sediment and Stormwater Management - No fee changes necessary at this time.
- Shoreline and Waterway (Coastal Construction) - No fee changes necessary at this time.

Efficiencies and Innovations

As part of the review process associated with this report, and as prescribed in the authorizing epilogue, notable efforts to improve program efficiencies should also be recognized. For the Division of Watershed Stewardship, efficiencies and innovations include:

- Shoreline and Waterway Management:
 - 2016 – DNREC Building Line was added to the First Map Open Data. Now surveyors can access the data without use of staff time or resources.
- Sediment and Stormwater Program:
 - Creation of a new online permit. The Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activities can be submitted electronically through DNREC's web application. This is not a completely "paperless" process, but it is "less paper". All correspondence and notifications from DNREC are in the form of e-mails and therefore can be retained electronically for record retention.
 - Creation of Standard Plan Templates for: Residential Construction <1.0 acre disturbed and >1.0 acre disturbed, Minor Linear Utility Disturbances and Poultry House Construction. For these activities, submission of a standard plan provides the NPDES stormwater discharge permit coverage needed and is cost effective for the applicant.
 - Beginning July 1, 2017, the DNREC Sediment & Stormwater Program will be instituting a digital plan approval process for DNREC-approved projects in order to reduce storage requirements and facilitate the plan approval process.
 - The division is also instituting an ongoing phased development of taking classroom certification courses and formatting those courses into an online platform.

Sediment and Stormwater

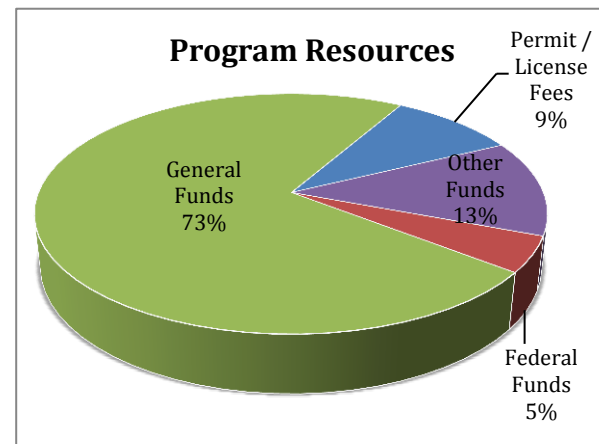
The Sediment and Stormwater Program (SSP) is responsible for the statewide implementation of regulations and supervision of stormwater management and discharges associated with construction activities. This includes implementation of the federal permitting program, the National Pollutant Discharge Elimination System (NPDES), to address stormwater runoff from land disturbing activities. Local implementation of the SSP for privately-owned projects is carried out by local designated agencies such as conservation districts, counties, and municipalities. SSP also provides technical assistance and continuous education and training to the regulated public, contractors, developers, and delegated agencies in stormwater management, erosion, and sediment controls. SSP efforts have resulted in 440,763 tons of sediment being removed from stormwater prior to discharging into Delaware waterways in Fiscal Year 2016.

Resources for the program include program fees, state General Funds, minor collections from federal grants (however, there is no federal grant associated with the NPDES program), and other stormwater infrastructure investment collections.

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources:	
Personnel	\$ 1,044,673.43	Permit/License Fees	\$ 126,664.00
Contractual	\$ 86,585.05	Other Funds	\$ 173,691.54
Supplies	\$ 1,071.73	Federal Funds	\$ 64,278.31
Other	\$ 1,390.52	General Funds	\$ 976,911.03
Total	\$ 1,133,720.73	Total	\$ 1,341,544.88

Staff Resources:	FTE
General Funds	3.0
Federal Funds	0.0
Fees/Other Funds	2.0
Total	5.0



Program Conclusion

Currently, the program is operating adequately. However, the program relies on significant support from state General Funds. An increase in fees could result in a reduction of the need for state General Funds allowing reinvestment elsewhere. It is important to note that in Fiscal Year 2017, the new electronic NPDES permit has been revised to an annual charge, rather than the current one-time charge. This change was discussed in the previous fee assessment report (2013) and may result in an increase in program revenues.

Program Fees

SEDIMENT AND STORMWATER					
Fee Description	Fee Occurrence	Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Sediment and Stormwater Plan Review & Inspection fee	Each Application	\$80.00 per disturbed acre per project	June 1, 1990	7 Del. C. Sec. 4005(b)	73
Sediment and Stormwater NPDES Permit for Construction Activities	Each Application	\$195/one-time (In FY17 fee becomes annual charge, not one-time)	July 1, 1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	317

Shoreline and Waterway (Coastal Construction)

The Shoreline and Waterway Management Section (SWMS) regulates coastal construction along with dune and beach protection and conservation practices. SWMS also works to protect and enhance eroded beaches, bolstering the State's capability for enduring coastal storms. More specifically, the SWMS regulates coastal construction through a permit program for construction activity in beach areas and charges fees for such permits. These permits require intensive reviews, consultations, site visits, extensive public advertising, compliance inspections, and on occasion, public hearings.

The regulations governing beach protection and use of beaches require two types of approval, based on the proposed construction activity. Letters of Approval are required for construction that is proposed completely landward of the established DNREC building line (there are a few exceptions). Currently, there is no fee to obtain a letter of approval and no public comment period is required. Permits are required for most types of work conducted seaward of the DNREC building line. The current permit fee is \$150. Coastal construction permit applications require a 20-day advertisement period prior to the issuance of an approval.

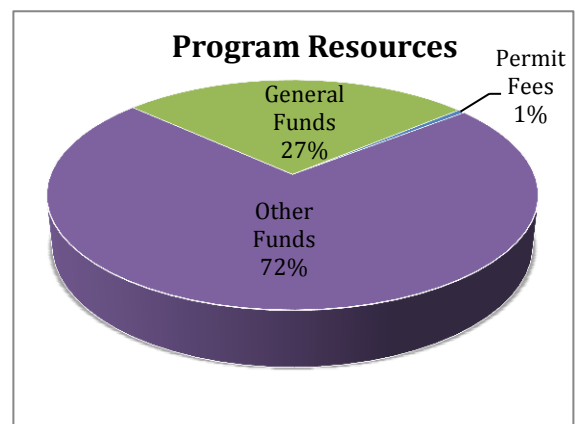
Resources for the program include state General Funds, program fees (construction permit fees), and beach erosion allocations, which are obtained from a percentage of state accommodations tax (hotel tax) revenues.

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources:	
Personnel	\$ 81,326.70	Permit Fees	\$ 1,650.00
Contractual	\$ 179,502.74	Other Funds	\$ 221,448.94
Supplies	\$ 1,251.40	Federal Funds	\$ -
Other	\$ 43,644.80	General Funds	\$ 83,158.06
Total	\$ 305,725.64	Total	\$ 306,257.00

Staff Resources:	FTE
General Funds	1.0
Federal Funds	0.0
Fees/Other Funds*	0.0
Total	1.0

** 2.0 full-time contractual employees are funded by Fees/Other Funds*



Program Conclusion

Currently, the program is able to provide adequate services, but is reliant on state General Funds and subsidy from the state accommodations tax. As discussed in the previous fee assessment report (2013), the current fee charged for coastal construction permits does not even cover the cost of advertising for the required period. Allowing a recovery of such advertising costs could provide

some relief to the state General Funds used. There is also no fee charged for letters of approval, which still require extensive reviews (staff time). Creation of a new fee for those letters of approval could also provide some relief to the state General Funds.

Program Fees

SHORELINE AND WATERWAY (COASTAL CONSTRUCTION)					
Fee Description	Fee Occurrence	Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Coastal Construction Permit Application Fee	Each Application	\$150.00	May 6, 1974	7 Del. C. Sec. 6803(c); 7 DE Admin. Code 5102 § 4.2	8
Permit Application for Mechanical Restoration of the Dune	Each Application	\$150.00	May 6, 1974	7 Del. C. Sec. 6803(c); 7 DE Admin. Code 5102 § 4.2	2

Office of Environmental Protection, Division of Air Quality

The Division of Air Quality has statutory authority to charge fees, which are included in this fee assessment report. The report concludes that the Division of Air Quality's fee program can be categorized as follows:

- Natural Minor Program - No fee changes necessary at this time.

Efficiencies and Innovations

As part of the review process associated with this report, and as prescribed in the authorizing epilogue, notable efforts to improve program efficiencies should also be recognized. For the Division of Air Quality, efficiencies and innovations include:

- The Division of Air Quality began work in 2005 with several industry representatives to implement the Value Stream Mapping process into the Natural Minor Air Permitting process. The process has served to identify and eliminate areas of waste and create a well-defined predictable process. Working through a list of achievable action items, the division can guarantee applications are issued in less than 90 days, has reduced the permitting backlog by 66% from 2005 levels and has reduced waste/rework for the future with internal and customer quality goals of 80-100%.
- The Division of Air Quality has entered into a collaborative agreement with University of Delaware's (UD) Alfred Lerner College of Business and Economics to provide the division with Process Improvement Learning Solutions to assist its strategic process improvement efforts. Two Technology and Business Improvement Consulting Teams worked with division staff on improving permitting process and customer service feedback in 2016. Two additional teams are continuing these efforts in 2017.
 - On September 20, 2016, division managers, along with other senior managers in DNREC attended the Process Improvement Champions Seminar offered by UD to learn more about process improvement fundamentals (Lean & Six Sigma techniques, operational definitions and process mapping), the typical return on investment from process improvement programs, and serving as effective executive sponsors of process improvement efforts.
 - The division intends to hold on-site delivery of UD Lean Six Sigma Green Belt Certificate Program for its managers and project leaders later in 2017.

Natural Minor Program

DNREC's Division of Air Quality administers the Natural Minor Program (or Non-Title V permitting), as established by the Clean Air Act and its amendments and mandated by Delaware Code. The goals of the natural minor permitting program are to protect public health, welfare, and the environment by quantifying facility emissions, encouraging and tracking pollution reductions, collecting data for public education, and to recoup the costs for the process of permit evaluation, issuance, public notice, and regular compliance of natural minor permitted sources.

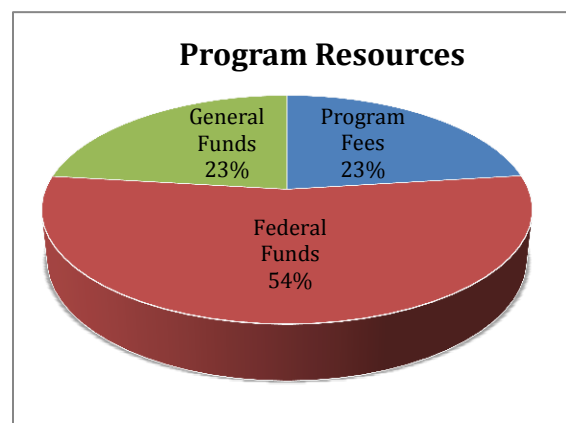
More specifically, this program covers construction permits for all new equipment and operating permits for equipment with a potential to emit air contaminants below the major source threshold. Applications can be very diverse and may include dry cleaners, auto body repair shops, gasoline delivery vessels, and facilities at small and large commercial or industrial operations. On average, the Division of Air Quality receives 120 new natural minor permit applications per year (not including gasoline delivery vessels) and issues an average of 174 construction and operation permits each year. There are approximately 529 permitted facilities in the program (not including 648 permitted gasoline delivery vessels) and these facilities are inspected at least once every three years.

Resources to the program include program fees (application, advertisement, and annual fees), state General Funds, other minor collections from indirect costs, and federal grant funds received through the Federal Pollution Control (Section 105) program through the U.S. Environmental Protection Agency.

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources:	
Personnel	\$ 515,442.85	Program Fees	\$ 165,433.89
Contractual	\$ 168,299.84	Other Funds	\$ -
Supplies	\$ 23,036.16	Federal Funds	\$ 387,608.88
Other	\$ 12,382.01	General Funds	\$ 166,118.09
Total	\$ 719,160.86	Total	\$ 719,160.86

Staff Resources:	FTE
General Funds	0.5
Federal Funds	4.3
Fees/Other Funds	2.0
Total	6.8



Program Conclusion

Currently, the program is operating adequately, but with a heavy reliance on federal funds and state General Funds. As discussed in the last fee assessment report (2013), an increase in fees could allow

the program to become self-supporting and bring the fees more in line with surrounding states. If fee increases generated enough revenue to cover or exceed the costs of the program, such revenues could be used to meet federal grant match obligations, possibly resulting in some state General Fund savings.

Program Fees

NATURAL MINOR					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Fuel Burning Equipment - 10-100 MBH (Over 10 MMBTU / hr to 50 MMBTU/hr)	Each Application	\$165	July 1, 1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Fuel Burning Equipment - 10-100 MBH (Over 50 MMBTU/hr to 100 MMBTU/hr)	Each Application	\$165	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Fuel Burning Equipment- 100-250 MBH (Over 100 MMBTU/hr to 250 MMBTU/hr)	Each Application	\$390	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Fuel Burning Equipment- Over 250 MBH	Each Application	\$1,290	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Waste Oil-Used Oil Heater	Each Application	\$170	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Fuel Burning 10-100 MBH (Crematories)	Each Application	\$165	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Process Less than 10 tpy/unit (Onsite Poultry Incinerators)	Each Application	\$215	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Process Less than 10 tpy/unit (Onsite Poultry Incinerators)	Annual	\$125	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	4
Process Less than 10 tpy/unit (Emergency Generators)	Each Application	\$215	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Process Less than 10 tpy/unit (Distributed Generators)	Each Application	\$215	July 2, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Process Equipment with Maximum Allowable Emissions Less than or equal to 5 Tons Per Year Per Unit	Each Application	\$215	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	89

NATURAL MINOR					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Process Equipment with Maximum Allowable Emissions Greater Than 5 Tons Per Year Per Unit	Each Application	\$215 + \$2.50 per ton over 10 tons	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
VOC Sys. – Gasoline Dispensing Facility	Each Application	\$120	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
VOC Sys. – Dry Cleaning Facility (Permitted after July 1, 2008 and all Dry Cleaning Facilities after July 1, 2011)	Each Application	\$265	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Process Less than 10 tpy/unit (Auto Body Shops Permitted After July 1, 2008 and all Auto Body Shops after July 1, 2011)	Each Application	\$215	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
VOC Sys. – Wastewater Separator, each	Each Application	\$170	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
VOC Sys. - Degreaser	Each Application	\$180	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Temporary Emergency	Each Application	\$1,000	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Amendment to Permit	Each Application	\$175	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	40
Fuel Burning Equipment – 10-100 MBH (Over 10 MMBTU/hr to 50 MMBTU/hr)	Annual	\$75	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	50
Fuel Burning Equipment – 10-100 MBH (Over 50 MMBTU/hr to 100 MMBTU/hr)	Annual	\$75	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Fuel Burning Equipment - 100-250 MBH (Over 100 MMBTU/hr to 250 MMBTU/hr)	Annual	\$300	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Fuel Burning Equipment – Over 250 MBH	Annual	\$1,200	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Waste Oil – Used Oil Heater	Annual	\$80	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	15

NATURAL MINOR					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Fuel Burning 10-100 MBH (Crematories)	Annual	\$75	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	24
Process Less than 10 tpy/unit (Emergency Generators)	Annual	\$125	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	88
Process Less than 10 tpy/unit (Distributed Generators)	Annual	\$125	July 2, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Process Equipment with Maximum Allowable Emissions Less than or Equal to 5 Tons Per Year Per Unit	Annual	\$125	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	265
Process Equipment with Maximum Allowable Emissions Greater than 5 Tons Per Year Per Unit	Annual (Fee Cap at \$75,000 per facility)	\$125 + \$3.00 per ton over 10 tons	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
VOC Sys. – Gasoline Dispensing Facility	Annual	\$75	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
VOC Sys. – Delivery Vessel	Annual	\$50	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	648
VOC Sys. – Dry Cleaning Facility (Permitted after July 1, 2008 and all Dry Cleaning Facilities after July 1, 2011)	Annual	\$175	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
VOC Sys. – Dry Cleaning Facility (Permitted after July 1, 2008 and all Dry Cleaning Facilities after July 1, 2011)	Each Application	\$265	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	73
Process Less than 10 tpy/unit (Auto Body Shops permitted after July 1, 2008 and all Auto Body shops after July 1, 2011)	Annual	\$125	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Process Less than 10 tpy/unit (Auto Body Shop Permitted Before July 1, 2008 Until July 1, 2011)	Each Application	\$215	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	77
VOC Sys. – Wastewater Separator, each	Annual	\$80	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0

NATURAL MINOR					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
VOC Sys. - Degreaser	Annual	\$90	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Incinerator	Annual	\$400	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	0

Office of Environmental Protection, Division of Water

The Division of Water includes several programs that have statutory authority to charge fees and are included in this fee assessment report. The report concludes that the Division of Water's programs can be categorized as follows:

- Ground Water Discharges - No fee changes necessary at this time.
- Surface Water Discharges - Fees are not adequate to sustain program at current service levels.
- Water Supply - No fee changes necessary at this time.
- Wetlands and Subaqueous Lands - No fee changes necessary at this time.

Additional key program findings are similar to the last fee assessment report (2013), and include:

- Water permitting programs for ground water, subaqueous lands, and surface water discharges require significant investments of time and oversight, but pay reduced or no fees causing heavy reliance on other users and state General Funds.
- Several major federally-mandated programs (aquatic pesticides, runoff, storm water, etc.) are delegated to DNREC, but there is no federal funding provided to administer these programs, requiring diversion of other funds to subsidize program operations.
- Some water programs are funded in part by federal grants, which cause additional uncertainty regarding additional negative impacts if federal funding levels are reduced.

Efficiencies and Innovations

As part of the review process associated with this report, and as prescribed in the authorizing epilogue, notable efforts to improve program efficiencies should also be recognized. For the Division of Water, efficiencies and innovations include:

- Groundwater Discharges program changes include:
 - Through the development of an integrated database within the Delaware Environmental Navigator (DEN), the Groundwater Discharges Section has improved residential septic system permit turnaround times by 50%.
 - Conservation of staff research time by utilizing a single electronic system for all facility-related documents, permit requirements, inspections, and compliance issues/violations;
 - Increased follow-up on compliance issues/violations as a result of automated status reports sent from DEN to GWDS staff on any compliance issue not resolved by a designated date; and
 - Improved efficiency in allowing staff to perform queries and develop graphs showing long term trends by entering monitoring well data of large systems into DEN.
- Surface Water Discharges program changes include:
 - Development of Biosolids and Residuals Reporting System (BARRS) to replace the Biosolids Data Management System (BDMS).
 - A Board of Certification for Wastewater Operators (BOC) program overhaul to include databases for licensing, continuing education training and testing and improved testing software.
 - Municipal Separate Storm Sewer Systems (MS4) created a standardized auditing survey to assist with the evaluation of compliance.

- National Pollutant Discharge Elimination System (NPDES) developed an electronic Discharge Monitoring Report (eDMR) which allows facilities to submit monthly reports on-line versus current system of mailing and manual data entry by SWDS staff.
- Water Supply program changes include:
 - Source Water Assessment and Protection Program (SWAPP). SWAPP contains detailed information for all 500+ public water supply systems (consisting of over 1,000 individual supply wells) in the State, including extensive information on the distribution system, treatment systems, source aquifers, demand, the vulnerability and susceptibility of each public water system and identifiable or potential source of contamination, and linked with databases throughout DNREC. An external link was made to integrate the water quality data generated by the Delaware Division of Public Health under the Drinking Water program. This allowed DNREC to meet the very aggressive completion schedule under the grant commitment with the U.S. Environmental Protection Agency (EPA), substantially complete all assessments in only three years, and gain an EPA special recognition award.
 - The well permitting system, called TEPP, is on routine upgrade cycles including the current migration to an upgraded document archiving system. This project will systematically archive all the old permits issued before the new system, allowing well permitting to become a truly paperless operation in the near future.
 - More field presence by well permitting staff has resulted in a doubling of enforcement activity over the past two years as previously undetected violations are being uncovered. This greatly improves DNREC's ability to protect Delaware's residents and its water resources.
- Wetlands & Subaqueous Lands program changes include:
 - Increases in staff efficiency by standardizing permit application forms and conditions;
 - Establishment of a bi-weekly format for public notices;
 - Increased compliance with permit conditions by increasing site inspections;
 - Creation of a new violation enforcement database;
 - Development of workshops for contractors/consultants; and
 - Reductions in permit complexity and processing time by implementing SAA's.

Ground Water Discharges

The Ground Water Discharges Section (GWDS) is responsible for overseeing all aspects of the siting, design, and installation of on-site wastewater treatment and disposal systems (aka septic systems). GWDS also issues non-hazardous liquid waste transporter permits, underground injection control permits, and licenses to percolation testers, designers, soil scientists, system contractors, liquid waste haulers, and system inspectors.

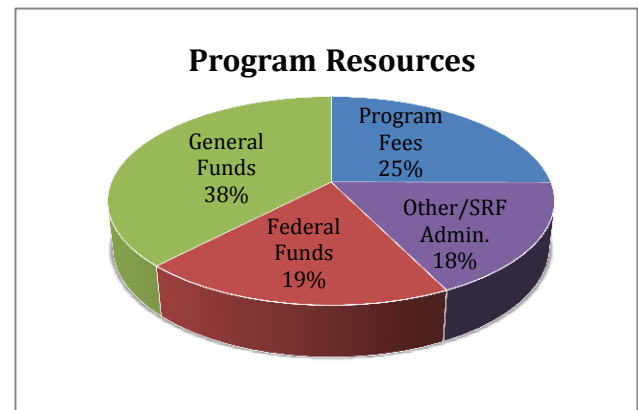
The GWDS is responsible for regulating over 500 licensees, 70,000 existing on-site wastewater treatment and disposal systems, and providing customer service for the regulated community, municipalities, and the residents of the State of Delaware.

Resources for GWDS include program fees (application and annual fees), two federal grants, state General Funds, and State Revolving Fund (SRF) Administration support.

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources:	
Personnel	\$ 1,557,770.02	Program Fees	\$ 467,894.67
Contractual	\$ 49,607.54	Other/ SRF Admin.	\$ 331,520.74
Supplies	\$ 2,438.60	Federal Funds	\$ 362,400.88
Other	\$ 25.00	General Funds	\$ 708,227.64
Total	\$ 1,609,841.16	Total	\$ 1,870,043.93

Staff Resources:	FTE
General Funds	6.0
Federal Funds	4.0
Fees/Other Funds	13.0
Total	23.0



Program Conclusion

Currently, GWDS is operating adequately. However, current fees are not adequate to sustain the program at the current service levels. The majority of GWDS fees have not been increased since their approval by the General Assembly in 1991 (current transporter, designer, and inspector fees were approved in 2003). Leaving the current fee structure in place will ensure the GWDS will continue to be reliant on General Fund and SRF Administration support. An increase in existing fees would allow additional program revenues, resulting in a savings to the General Fund and/or the SRF Administration subsidies. Additionally, as noted in previous fee assessment reports, there are many activities performed by GWDS that have not been added to the fee schedule as program requirements have expanded.

Program Fees

GROUND WATER DISCHARGES					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Percolation Tester (Class A)	Annual	\$40.00	July 1,2003	7 Del. C. §6026	45
System Designer (Class B)	Annual	\$40.00	July 1,2003	7 Del. C. §6026	100
System Designer (Class C)	Annual	\$40.00	July 1,2003	7 Del. C. §6026	48
Soil Scientist (Site Evaluator, Class D)	Annual	\$40.00	July 1,2003	7 Del. C. §6026	30
Septic Tank System Installer (Class E)	Annual	\$40.00	July 1,2003	7 Del. C. §6026	172
Liquid Waste Hauler (Class F)	Annual	\$40.00	July 1,2003	7 Del. C. §6026	240
System Inspector (Class H)	Annual	\$40.00	July 1,2003	7 Del. C. §6026	136
System Constr. Inspector (Class I)	Annual	\$40.00	July 1,2003	7 Del. C. §6026	27
Conduct Site Evaluation	Each Application	\$75.00	July 1,1991	7 Del. C. §6026	0
Review Private Site Evaluation	Each Application	\$75.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	1,400
Subdivision Feasibility Review	Each Application	\$345.00	July 1,1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	4
Gravity System Permit	Each Application	\$50.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	675
Engineered System Permit	Each Application	\$115.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	575
Community System Construction Permit	Each Application	\$750.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	10
System Compliance Inspection	Annual	\$70.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	128
Holding Tank Inspection	Annual	\$60.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee	310

GROUND WATER DISCHARGES					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
				Bill)	
On-Site Variance	Each Application	\$675.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	7
Transportation Permits (Non-Hazardous Liquid Waste)	Annual	\$450.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	90
Document Review Request (FOIA)	Each Request	Amount Varies	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	N/A
Copy of Regulations	Each Request	\$6.50	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	N/A
MOU-SRF Sites	Each Request	\$300.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	N/A
Temporary/System Design Contractor License	Annual	\$40.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	1
Temporary/System Contractor License	Annual	\$40.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	1
Public Notice	Each Request	\$140.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	N/A
Spray Irrigation; Major (200,000 gpd or more) *(B)	Annual	\$4,500.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	2
Spray Irrigation; Minor (199,999 gpd or less) *(B)	Annual	\$2,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	6
Food Processing Spray	Annual	\$1,500.00	July 1,1991	Secretary's Letter dated July 28, 1994 to lower fee	5

Surface Water Discharges

The purpose of the Surface Water Discharges Section (SWDS) is to limit or control facilities that discharge to surface water and ensure that standards are met through issuance of permits and compliance monitoring. Issued permits limit pollution concentrations and loading rates, which are verified through monitoring and inspections. The SWDS is also responsible for the wastewater operator licensing program.

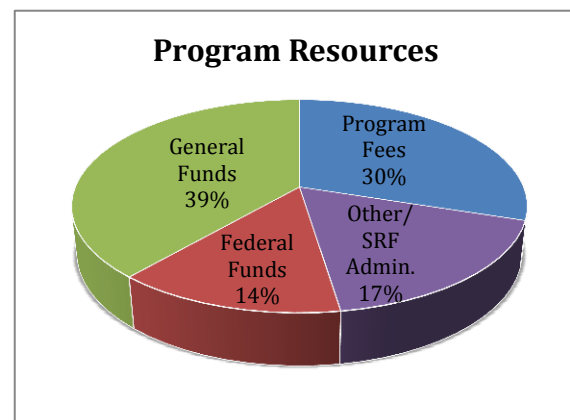
Some of SWDS's largest programs, such as the National Pollutant discharge Elimination Systems (NPDES) and Water Pollution Control Construction (WPCC), require extensive negotiations, research, and meetings, which has contributed to an ongoing permitting backlog. Additionally, three of the most complex programs are unfunded federally-delegated programs that do not currently receive fees. These programs are: the Aquatic Pesticides program, the Concentrated Animal Feeding Operation (CAFO) program, and the Municipal Separate Storm Sewer System (MS4) program. Permits issued under these programs are among the most administratively complex and time consuming and none require applicant fees, due in part to a fee exemption for local governments.

Resources for SWDS include program fees (applications and annual fees), two federal grants, state General Funds, and State Revolving Fund (SRF) Administration support.

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources:	
Personnel	\$ 957,956.43	Program Fees	\$ 345,722.11
Contractual	\$ 194,669.09	Other/SRF Admin.	\$ 202,961.87
Supplies	\$ 4,201.81	Federal Funds	\$ 159,184.21
Other	\$ -	General Funds	\$ 445,340.05
Total	\$ 1,156,827.33	Total	\$ 1,153,208.24

Staff Resources:	FTE
General Funds	4.0
Federal Funds	2.5
Fees/Other Funds	9.5
Total	16.0



Program Conclusion

Currently, SWDS is operating at a reduced level of service and there are no carryover funds available to sustain the programs. Heavy reliance on state General Funds and SRF Administration support will continue unless additional or increased fee revenues can be implemented. Fees currently charged by SWDS have not been increased since their approval by the General Assembly in 1991. Increased fee

revenues would be used to sustain the SWDS programs, improve customer service in the form of more timely permits, elimination of back-logs, and class and exam upgrades for licensing programs.

Program Fees

SURFACE WATER DISCHARGES						
Fee Group	Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Biosolids	*Sludge: Ag Util. Generated in State Major – Greater than or equal to 200 dt/yr	Annual	\$6,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	7
Biosolids	*Sludge: Ag Util. Generated in State Minor –Less than 200 dt/yr	Annual	\$3,750.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Biosolids	*Sludge: Ag Util. Generated out of State Major – Greater than or equal to 200 dt/yr	Annual	\$12,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Biosolids	*Sludge: Ag Util. Generated out of State Minor – 200 dt/yr	Annual	\$7,500.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Biosolids	*Sludge: Dist. & Mktg Generated in State	Annual	\$3,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	4
Biosolids	Sludge: Dist. & Mktg Generated out of State	Annual	\$5,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	1
Biosolids	Sludge: Land Disposal Generated in State	Annual	\$5,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Biosolids	Sludge: Land Disposal Generated out of State	Annual	\$10,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Biosolids	Sludge: Land Reclamation Generated in State	Annual	\$2,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0

SURFACE WATER DISCHARGES						
Fee Group	Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Biosolids	Sludge: Land Reclamation Generated out of State	Annual	\$5,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Biosolids	Sludge: Landfill	Annual	\$2,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Biosolids	Sludge: Research Projects Generated in State	Annual	\$1,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Biosolids	Sludge: Research Projects Generated out of State	Annual	\$2,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Biosolids	Sludge: Septage – Major (50,000 gpy or more)	Annual	\$500.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	4
Biosolids	Sludge: Septage – Minor (49,999 gpy or less)	Annual	\$200.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
NPDES	Major Industrial Permit	Annual	\$9,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	11
NPDES	Minor Industrial Permit - Private	Annual	\$2,250.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	15
NPDES	Minor Municipal Permit -Private	Annual	\$3,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	5
NPDES	WWTF Construction – Major (more than 30 points)	Each Application	\$1500 x Factor; \$4,500 or \$6,000	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
NPDES	WWTF Construction – Minor (1-30 points)	Each Application	\$1125 x Factor; \$1,125 or \$2,250	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0

SURFACE WATER DISCHARGES						
Fee Group	Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Storm Water	Stormwater Industrial (Individual)	Annual	\$2,500.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Storm Water	Stormwater Industrial (General)	Annual	\$200.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	260
Storm Water	Stormwater Industrial (General) No Exposure	Annual	\$40.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	103
Wastewater Treatment Plant Operator	Wastewater Operator Applications for License – Classes I, II, III, IV, OIT, Spec & Temp. Lic.	Each Application	\$50.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	66
Wastewater Treatment Plant Operator	Wastewater Operator Application for Emergency License	Each Application	\$375.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Wastewater Treatment Plant Operator	Wastewater Operator Examination (Written and/or Oral) Fee	Each Application	\$100.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	104
Wastewater Treatment Plant Operator	Wastewater Operator Reexamination at Same Level	Each Application	\$100.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Wastewater Treatment Plant Operator	Wastewater Operator License Renewals - Classes I, II, III, IV, OIT and Specialty License for two (2) years or less	Each Application	\$50.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	157
Wastewater Treatment Plant Operator	Wastewater Operator Emergency License for one (1) year or less	Each Application	\$375.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Wastewater Treatment Plant Operator	Wastewater Operator Surcharge On Late Fee Renewal of License	Each Application	\$15.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	17

SURFACE WATER DISCHARGES						
Fee Group	Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
WPCC	Bulk Storage of Liquid Animal Waste	One Time	\$100.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
WPCC	Individual Central Sewer Hook-Up Involving a Small Pre-Packaged Pump Station	Each Application	\$230.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
WPCC	Bulk Storage / Transfer / Pipeline	Each Application	\$3,750.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
WPCC	Sewer Collection	Each Application	\$825.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	77

Water Supply

The Water Supply Section (WSS), within DNREC's Division of Water, is responsible for assuring that water wells are constructed properly and water use is allocated equitably. WSS issues between 3,000 and 5,000 new well construction permits annually and regulates over 400 water allocation permits. WSS also issues well contractor licenses to 150 companies and 450 individual contractors. WSS investigates possible contaminated groundwater and wells and assists in protection of public drinking water sources. Additionally, WSS provides various educational events (State Fair, schools, colleges, etc.) and technical assistance throughout the community.

Resources for WSS include federal grant funds, state General Funds, and program fees (well and water allocation permit and licensing fees).

Fiscal 2016 Program Costs and Resources

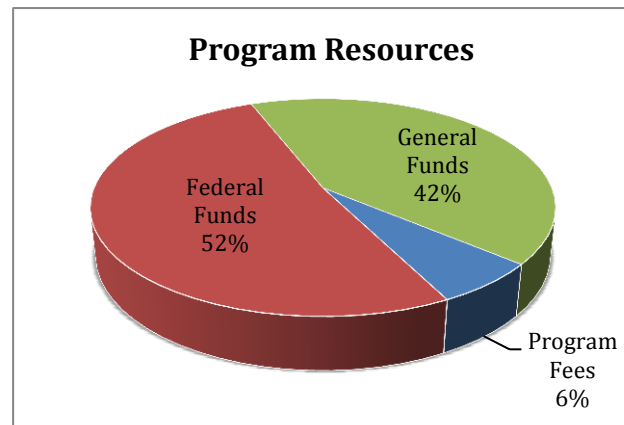
Program Costs:

Personnel	\$ 1,331,801.32
Contractual	\$ 359,982.52
Supplies	\$ 30,592.56
Other	\$ 2,562.99
Total	\$ 1,724,939.39

Program Resources:

Program Fees	\$ 107,130.00
Federal Funds	\$ 867,596.05
General Funds	\$ 707,762.49
Total	\$ 1,682,488.54

Staff Resources:	FTE
General Funds	8.0
Federal Funds	6.3
Fees/Other Funds	3.7
Total	18.0



Program Conclusion

Currently, WSS is maintaining operationally, but fees are not adequate to sustain the program at current service levels. WSS is becoming increasingly reliant on state General Funds and available federal funds as fee revenues remain stagnant. WSS fees have not been increased since their approval by the General Assembly in 1991 and do not support the basic well permitting program or water allocation program responsibilities. A large percentage of well permits (approximately 44%) are fee-exempt and water allocation permits for irrigation are also fee-exempt. Increases in fees and an addition of fees for fee-exempt permits would ensure sustainability of existing program service levels and less reliance on state General Funds.

Program Fees

WATER SUPPLY						
Fee Group	Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Well Construction Permit	Monitor Well	Per Permit	\$75.00	July 1,1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	464
Well Construction Permit	Heat Pump Supply Well	Per Permit	\$115.00	July 1,1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	20
Well Construction Permit	Heat Pump Recharge Well	Per Permit	\$75.00	July 1,1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	19
Well Construction Permit	Public Well - Standard	Per Permit	\$75.00	July 1,1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	65
Well Construction Permit	Industrial Well	Per Permit	\$75.00	July 1,1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	2
Well Construction Permit	Domestic Well	Per Permit	\$35.00	July 1,1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	1,388
Water Allocation Permit	Water Allocations - Public/ Industrial/ Commercial	Each Application	\$375.00	July 1,1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	11
Water Allocation Permit	Water Allocations - Public/ Industrial/ Commercial	30-Year Renewal	\$375.00	July 1,1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	17
Water Allocation Permit	Water Allocation Modification s-Public/ Industrial/ Commercial	Each Application	\$375.00	July 1,1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	11
Well Licensing Program	Water Well Contractor License	Annual	\$150.00	July 1,1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	123

WATER SUPPLY						
Fee Group	Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Well Licensing Program	Pump Installer Contractor License	Annual	\$115.00	July 1,1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	27
Well Licensing Program	Well Driller License	Annual	\$30.00	July 1,1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	288
Well Licensing Program	Pump Installer License	Annual	\$15.00	July 1,1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	28

Wetlands and Subaqueous Lands

The Wetlands and Subaqueous Lands Section (WSLS) consists of three main programs:

- The Wetlands Program, which was established to preserve and protect productive public and private wetlands and prevent the despoliation and destruction of wetlands consistent with the historic right of private ownership of lands;
- The Subaqueous Lands Program, which requires protection against uses or changes that may impair the public interest in the use of tidal or non-tidal waters; and
- The Marina Program, which was created to establish minimum requirements for the siting, design, construction, and operation of marinas to serve the needs of boaters, while properly managing the State's natural resources and protecting public health.

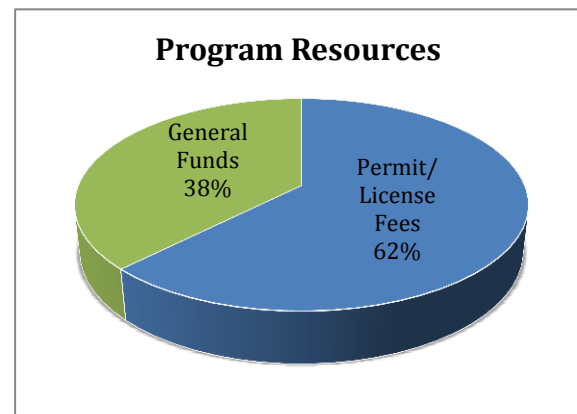
The WSLS typically issues over 500 new authorizations per fiscal year. Of these authorizations, approximately 20 are wetlands permits, 300-400 are permits and/or leases for subaqueous lands, 100-150 are exemption or jurisdictional determinations, and fewer than ten are marina permits. The WSLS also manages more than 2,000 existing renewable leases for structures within public subaqueous lands.

Resources for the WSLS include state General Funds and program fees (application and annual fees). There are no federal funds received.

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources:	
Personnel	\$ 633,858.85	Permit/License Fees	\$ 467,943.05
Contractual	\$ 70,409.37	Federal Funds	\$ -
Supplies	\$ 8,389.57	Other Funds	\$ -
Other	\$ 1,071.51	General Funds	\$ 281,462.17
Total	\$ 713,729.30	Total	\$ 749,405.22

Staff Resources:	FTEs
General Funds	3.5
Federal Funds	0.0
Fees/Other Funds	5.5
Total	9.0



Program Conclusion

Currently, WSLS is operating adequately, with subaqueous permit and annual lease fees providing a significant portion of support. However, there remains a significant contribution from state General Funds. Increases in permit fees could generate additional revenue to decrease the need for those General Funds.

Program Fees

WETLANDS, SUBAQUEOUS LANDS, AND MARINA						
Fee Group	Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Source	Estimated # Issued Annually
Marina	New Minor Marina Application Fee (24 slips or less)	Each Application	\$2,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	6
Marina	New Major Marina Application Fee (25+ slips)	Each Application	\$5,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Marina	Minor Alteration to Marina	Each Application	\$500.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	2
Marina	Major Alteration to Marina	Each Application	\$1,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	1
Marina	O&M Plan – Headboat/Boat Ramp	Every 2, 3 or 4 yrs depending on marina size	\$200.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	2
Marina	O&M Plan – Standard (50 slips or less with no fuel/maintenance yard)	Every 2, 3 or 4 yrs depending on marina size	\$200.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	2
Marina	O&M Plan – Special (50+ slips and fueling/main tenance)	Every 2, 3 or 4 yrs depending on marina size	\$300.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	2
Subaqueous	Lease Application Fee (non-commercial docking, 1 slip)	Each Application for 10 yr lease	\$225.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	15
Subaqueous	Lease Application Fee (Commercial docking, 2+ slips)	Each Application for 10 yr lease	\$225.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	15

WETLANDS, SUBAQUEOUS LANDS, AND MARINA						
Fee Group	Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Source	Estimated # Issued Annually
Subaqueous	Lease Application Fee (Non-commercial)	Each Application for 10 yr lease	\$225.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	15
Subaqueous	Lease Application Fee (Transmission lines/Pipelines)	Each Application for 10 yr lease	\$225.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	15
Subaqueous	Lease Application Fee (Industrial dock)	Each Application for 10 yr lease	\$225.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	15
Subaqueous	Lease Application Fee (Private ramp)	Each Application for 10 yr lease	\$225.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	15
Subaqueous	Lease Application Fee (Salvage)	Each Application for 10 yr lease	\$300.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Subaqueous	Supplemental Lease Approvals	Each Application	\$150.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	20
Subaqueous	Permit Application Fee (Non-commercial docking, 1 slip)	Each Application	\$225.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	23
Subaqueous	Permit Application Fee (Commercial dock, 2-4 slips)	Each Application	\$225.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	23
Subaqueous	Permit Application Fee (Non-commercial)	Each Application	\$225.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	23
Subaqueous	Permit Application Fee (Industrial dock)	Each Application	\$225.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	23

WETLANDS, SUBAQUEOUS LANDS, AND MARINA						
Fee Group	Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Source	Estimated # Issued Annually
Subaqueous	Permit Application Fee (Private ramp)	Each Application	\$225.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	23
Subaqueous	Permit Application Fee (Transmission lines/pipelines)	Each Application	\$450.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Subaqueous	Letter of Authorization	Each Application	\$150.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	47
Subaqueous	Letter of Authorization (Statewide Activity Approvals)	Each Application	\$150.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	137
Subaqueous	Permit Application Fee (Salvage exploration)	Annual	\$5,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Subaqueous	Supplemental Permit Approvals	Each Application	\$150.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Subaqueous	New Dredging (Minor, less than 500 cubic yards)	Each Application	\$150 (plus \$1.50 per cubic yard if on Public Subaqueous Lands)	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	1
Subaqueous	New Dredging (Major, 500+ cubic yards)	Each Application	\$300 (plus \$1.50 per cubic yard if on Public Subaqueous Lands)	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	1
Subaqueous	Maintenance Dredging (Minor, less than 500 cubic yards)	Per dredging event	\$500 if on Public Subaqueous Lands	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	4
Subaqueous	Maintenance Dredging (Major, 500+ cubic yards)	Per dredging event	\$1000 if on Public Subaqueous Lands	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	6

WETLANDS, SUBAQUEOUS LANDS, AND MARINA						
Fee Group	Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Source	Estimated # Issued Annually
Subaqueous	Subaqueous Lands Lease (Transmission lines/pipelines less than 6 inches in diameter)	Annual	\$1.50 Per linear ft. \$500.00 minimum	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	17
Subaqueous	Subaqueous Lands Lease (Transmission lines/pipelines greater than 6 inches in diameter)	Annual	\$2.00 Per linear ft. \$500.00 minimum	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	17
Subaqueous	Subaqueous Lands Lease	Annual	Vegetated: \$0.02/ft ² Beach: \$0.10/ft ² Other: \$1.00/ft ²	July 1,1991	Secretary's Approval by Memo to lower fee dated 2/3/94	20
Subaqueous	Salvage Lease	Annual	\$5,000.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	0
Wetland	Permit Application Fee	Each Application	\$450.00	July 1,1991	HB 360, As amended by HA No.1; 68 Del. Laws c. 86 (1991 Fee Bill)	25

Office of Environmental Protection, Division of Waste and Hazardous Substances

The Division of Waste & Hazardous Substances includes several programs that have statutory authority to charge fees and are included in this fee assessment report. The report concludes that the Division of Waste & Hazardous Substances' programs can be categorized as follows:

- Aboveground Storage Tanks - No changes in fees are necessary at this time.
- Accidental Release Prevention - No changes in fees are necessary at this time.
- Boiler Safety - No fee changes necessary at this time.
- Hazardous Waste - No fee changes necessary at this time.
- Solid Waste - No changes in fees are necessary at this time.
- Underground Storage Tanks - No changes in fees are necessary at this time.

Efficiencies and Innovations

As part of the review process associated with this report, and as prescribed in the authorizing epilogue, notable efforts to improve program efficiencies should also be recognized. For the Division of Waste & Hazardous Substances, efficiencies and innovations include:

- Under the Emergency Planning and Right to Know Act (EPCRA) Program, the division has implemented the web-based Tier II Manager™ system. This system has resulted in streamlining of report processing efforts and reduction in data distribution and maintenance activities. The system allows for 1,800 facilities to report online, increases quality control, and reduces federal reporting efforts through electronic exchange of data.
- The Underground Storage Tank (UST) program has implemented a Value Stream Mapping of UST installation approval and vapor recovery permitting processes that has allowed the program to meet permitting timelines.
- Solid and Hazardous Waste permitting programs have improved application completeness by 60%; outreach requirements for new facilities or major modifications to existing facilities has resulted in a 30% reduction in requests for public hearings; creation of a new transportation database (also used by the Department of Transportation) has resulted in an 18% reduction in staff workload; and transporter permit holders may now choose the length of their permits, resulting in a 15% time savings for permitting and administrative staff.

Aboveground Storage Tanks

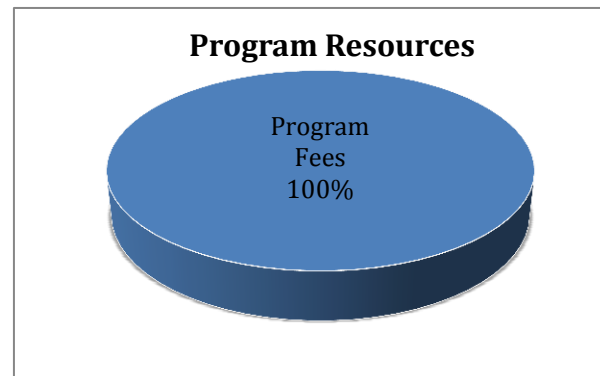
The Aboveground Storage Tank (AST) program regulates and monitors the installation, operation, maintenance, and corrective action for aboveground storage tanks in Delaware. Delaware's AST program was created in 2002, and technical standards have been phased in over time, including standards regarding corrosion protection for larger, existing storage tank systems. Currently, more than 800 facilities have been registered with the program, totaling over 3,400 ASTs.

Resources for the AST program are solely made up of program fees (AST construction and registration fees).

Fiscal 2016 Program Costs and Resources

Program Costs:			Program Resources:		
Personnel	\$	74,524.81	Program Fees	\$	203,505.47
Contractual	\$	45,190.18	Other Funds	\$	-
Supplies	\$	3,822.92	Federal Funds	\$	-
Other	\$	1,976.34	General Funds	\$	-
Total	\$	125,514.25	Total	\$	203,505.47

Staff Resources:	FTE
General Funds	0.0
Federal Funds	0.0
Fees/Other Funds	3.0
Total	3.0



Program Conclusion

Currently, the program is operating adequately. Current fees collected through the AST program are sufficient to cover the costs of the program. However, there are some years where costs exceed revenues slightly, but there remains sufficient program funding in a designated holding account (prior year carryover funds) to cover those shortfalls as necessary.

Program Fees

ABOVEGROUND STORAGE TANKS (AST)					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
AST Construction Fee for tanks with a storage capacity greater than or equal to 40,000 gallons which contain a Regulated Substance.	One-time upon submittal of installation plan.	\$3,750.00	July 8, 2002	7 Del. Code §7414A	2

ABOVEGROUND STORAGE TANKS (AST)					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
AST Construction Fee for tanks with a storage capacity of 12,499-39,999 gallons which contain a Regulated Substance other than Diesel, Heating Fuel or Kerosene.	One-time upon submittal of installation plan.	\$1,500.00	July 8, 2002	7 Del. Code §7414A	2
AST Registration Fee for tanks with a storage capacity of 12,499-39,999 gallons which contain a Regulated Substance other than Diesel, Heating Fuel or Kerosene.	Annual	\$300.00	July 8, 2002	7 Del. Code §7413A	126
AST Registration Fee for tanks with a storage capacity greater than or equal to 40,000 gallons which contain a Regulated Substance.	Annual	\$750.00	July 8, 2002	7 Del. Code §7413A	270

Accidental Release Prevention

The Accidental Release Prevention (ARP) program is in place to protect the lives and health of Delaware citizens living and working in the vicinity of facilities with extremely hazardous substances. ARP regulations establish threshold quantities of extremely hazardous substances for federally covered facilities and smaller threshold quantities for facilities that are subject to Delaware-only requirements.

Today, there are 109 facilities currently subject to ARP regulations, with 27 facilities subject to federal program requirements as delegated to Delaware, and 82 facilities subject only to the Delaware-only rule. The program conducts inspections based on risk incidents and time with the goal of each federally regulated facility being inspected at least every three years and each Delaware-only facility inspected every five years.

Program resources include state General Funds, program fees (ARP unit fees), and minor collections from the state Hazardous Substance Cleanup Act (HSCA) program. There are no federal grant funds available to this program.

Fiscal 2016 Program Costs and Resources

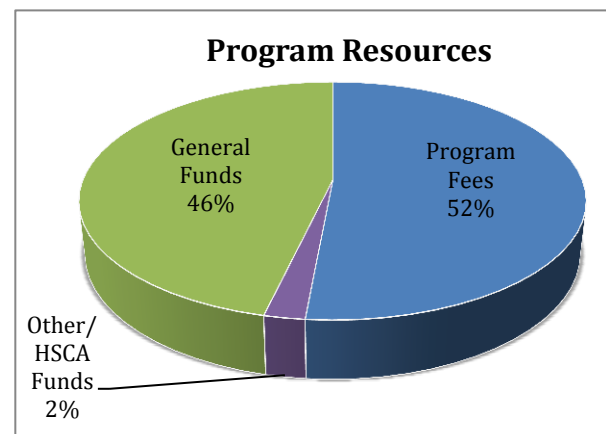
Program Costs:

Personnel	\$	167,556.64
Contractual	\$	12,307.27
Supplies	\$	1,537.55
Other	\$	-
Total	\$	181,401.46

Program Resources:

Program Fees	\$	93,250.00
Other/ HSCA Funds	\$	4,001.44
Federal Funds	\$	-
General Funds	\$	83,979.46
Total	\$	181,230.90

Staff Resources:	FTEs
General Funds	1.0
Federal Funds	0.0
Fees/Other Funds	1.0
Total	2.0



Program Conclusion

Currently, the ARP program is operating adequately, but with heavy reliance on state General Funds. If conditions were to change causing the number of regulated facilities to decrease, additional reliance on state General Funds may occur. Any increase in existing fees would reduce the reliance on state General Funds and provide additional program stability.

Program Fees

ACCIDENTAL RELEASE PREVENTION					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Source	Estimated # Issued Annually
Accidental Release Prevention-Extremely Hazardous Substances	Annual	\$500.00 per year for the first whole unit, and \$25 per year for each additional unit to a maximum of 300 units	July 1, 1991	HB 360, As amended by HA No. 1; 68 Del. Laws c. 86 (1991 Fee Bill)	96

Boiler Safety

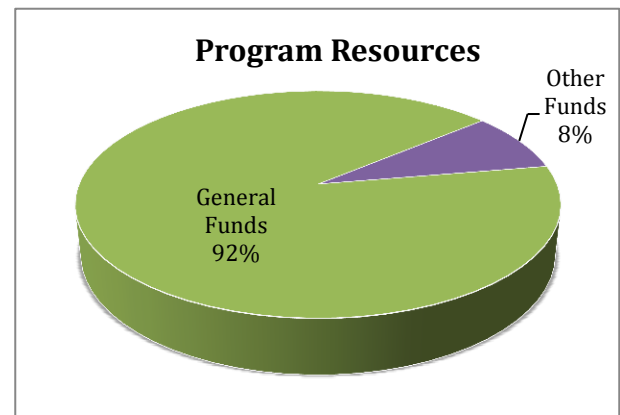
The Boiler Safety Program has the responsibility of overseeing the construction, installation, and repair of over 13,000 boilers and pressure vessels located throughout the State of Delaware. Two-thirds of the facilities are inspected regularly by insurance companies and 5,000 facilities are inspected every two years by state inspectors. The program tracks the findings of each inspection and issues notices of code violations when safety violations are found at a facility. The program also certifies the competency of inspectors that work for insurance companies and investigates incidents involving boiler and pressure vessel failures. Program requirements do not apply to individual homeowners, only to commercial facilities and facilities that are accessible to the public, such as hospitals, churches, and schools.

Revenues are collected from program fees and deposited into the state General Fund. State General Funds are then received by the program to cover the costs of salaries and contractual expenses. A limited amount of other funds, such as revenues from the Aboveground Storage Tank (AST) program are also allocated to provide administrative support.

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources:	
Personnel	\$ 220,636.46	Program Fees*	\$ -
Contractual	\$ 30,367.82	Other Funds	\$ 21,299.16
Supplies	\$ 1,163.55	Federal Funds	\$ -
Other	\$ -	General Funds	\$ 230,868.67
Total	\$ 252,167.83	Total	\$ 252,167.83

Staff Resources:	FTEs
General Funds	3.0
Federal Funds	0.0
Fees/Other Funds	2.0
Total	5.0



**Program fees are deposited into the General Fund and then General Funds are received by the program to cover the costs of salaries and contractual expenses. Total program fees deposited into the General Fund in Fiscal Year 2016 were \$80,882.01.*

Program Conclusion

The Boiler Safety Program is primarily supported with state General Funds. Program fees have not been changed since 1989. As noted in the previous fee assessment report (2013), even if program fees were increased to double the current amount, they would still be lower than the same fees charged by surrounding states. Such an increase would allow the program to decrease its reliance on

state General Funds and other fee program subsidies (AST fees) and provide additional program stability.

Program Fees

BOILER SAFETY PROGRAM					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Boiler 2-yr Certificate	Every two years	\$15.00	September 1, 1989	7 Del. Code §7403B	2,500
Pressure Vessel 2-yr Certificate	Every two years	\$15.00	September 1, 1989	7 Del. Code §7403B	2,500
Pressure Vessel 4-yr Certificate	Every four years	\$30.00	September 1, 1989	7 Del. Code §7403B	125
Inspection Fees for Power Boilers & High Pressure/High Temperature Hot Water Boilers:					
Internal inspection under 5 HP	Every two years	\$15.00	September 1, 1989	7 Del. Code §7403B	10
5 HP up to 99 HP	Every two years	\$25.00	September 1, 1989	7 Del. Code §7403B	10
99 HP up to 200 HP	Every two years	\$35.00	September 1, 1989	7 Del. Code §7403B	10
Over 200 HP, on an hourly basis of \$27.00/hr with a minimum of \$90.00	Every two years	\$50.00	September 1, 1989	7 Del. Code §7403B	10
External Inspection	Every two years	\$15.00	September 1, 1989	7 Del. Code §7403B	460
Inspection Fees for Heating Boilers and Hot Water Supply Boilers:					
Without a manhole	Every two years	\$15.00	September 1, 1989	7 Del. Code §7403B	200
With a manhole	Every two years	\$25.00	September 1, 1989	7 Del. Code §7403B	100
Water Heater	Every two years	\$10.00	September 1, 1989	7 Del. Code §7403B	100
Pressure Vessels:					
50 sq ft or less	Every four years	\$10.00	September 1, 1989	7 Del. Code §7403B	100
Each additional 100 sq ft or fraction thereof in excess of 50 sq ft	Every four years	\$20.00	September 1, 1989	7 Del. Code §7403B	100
Nuclear Installations	As requested	\$2,000.00	September 1, 1989	7 Del. Code §7403B	N/A
ASME Review with team leader for shops that fabricate boilers and pressure vessels	As requested	\$1,500.00	September 1, 1989	7 Del. Code §7403B	2

BOILER SAFETY PROGRAM					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
NB Review for Shops that Repair Boilers and Pressure Vessels	As requested	\$800.00	September 1, 1989	7 Del. Code §7403B	2
Inspectors' Commission Fees:					
National Board Examination - Delaware resident	Per exam	\$75.00	September 1, 1989	7 Del. Code §7403B	5
National Board Examination - non-Delaware resident	Per exam	\$150.00	September 1, 1989	7 Del. Code §7403B	5
Examination for a Delaware Inspector Commission	Per exam	\$50.00	September 1, 1989	7 Del. Code §7403B	5
Biennial (2yr) Commission Credential renewal	Every two years	\$25.00	September 1, 1989	7 Del. Code §7403B	30
Replacement of lost or destroyed Commission Card	As required	\$20.00	September 1, 1989	7 Del. Code §7403B	5
Permit for State Special:					
Boiler or Pressure Vessel	Minimum	\$500.00	September 1, 1989	7 Del. Code §7403B	1

Hazardous Waste

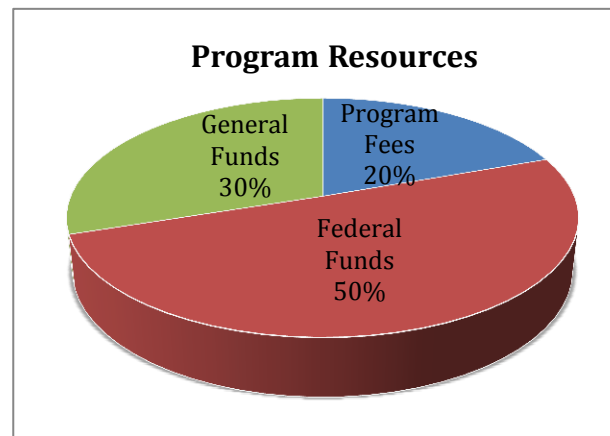
DNREC is authorized by the U.S. Environmental Protection Agency operate a state level Hazardous Waste Management Program. Through the requirements of 7.Del Code Chapter 63, Delaware's Hazardous Waste Program implements hazardous waste generator regulatory performance standards and permitting of facilities that treat, store, or dispose/incinerate hazardous waste. The program also includes corrective action of releases of contaminants at these regulated sites. DNREC also administers a hazardous waste transporter permitting program to ensure that those transporting waste in Delaware have the appropriate training, emergency procedures, identified lawful disposal facilities, and sound environmental records to prevent the releases of waste.

Resources include state General Funds, federal grant funds (to aid in the federally-delegated program), and program fees (hazardous waste facility permit fees and hazardous waste end assessment fees on generators).

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources:	
Personnel	\$ 1,028,293.75	Program Fees	\$ 201,267.34
Contractual	\$ 190,016.27	Other Funds	\$ -
Supplies	\$ 13,883.04	Federal Funds	\$ 518,845.43
Other	\$ 998.10	General Funds	\$ 309,447.47
Total	\$ 1,233,191.16	Total	\$ 1,029,560.24

Staff Resources:	FTEs
General Funds	0.80
Federal Funds	9.15
Fees/Other Funds	3.00
Total	13.0



Program Conclusion

Currently, the program is operating with a heavy reliance on prior year carryover funds and state General Funds. The uncertainty of future federal funding levels and the dependency on carryover funds to support the Hazardous Waste Program bring uncertainty to future program funding adequacy. As described in the previous fee assessment report (2013), if the fees associated with permitted hazardous waste facilities and waste end assessments were increased, such additional revenues could alleviate the strain on carryover balances and state General Fund reliance and also allow further reinvestment into management of hazardous waste throughout the State.

Program Fees

HAZARDOUS WASTE					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Transporter: Hazardous Waste	Annual	\$300.00	July 1, 1991	68 Del Laws, Chapter 86	23
Hazardous Waste Facility (TSDI)	Annual	\$7,000.00	July 1, 1991	68 Del Laws, Chapter 86	12
Hazardous Waste-Small Facility (TSDI)	Annual	\$500.00	July 1, 1991	68 Del Laws, Chapter 86	1
Waste End Assessment for Large Quantity Generators	Annual	\$4.00/\$16/\$21 per ton	July 1, 1991	68 Del Laws, Chapter 86; 7 <u>Del C</u> §6319(f) and (g)	5

Solid Waste

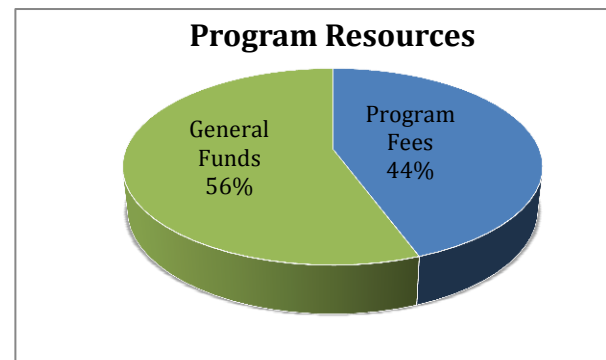
Delaware residents and industry generate solid waste, waste that needs to be properly managed to prevent it from contaminating the environment. The Solid Waste Program works to ensure that solid waste is properly transferred, disposed of, and minimized through resource recovery opportunities. This program implements a state solid waste permitting program for waste facilities (transfer stations, landfills, resource recovery, composting, and recycling operations).

Resources for the Solid Waste Program include state General Funds and program fees (solid waste permitting fees). There are no federal funds available for this program.

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources:	
Personnel	\$ 406,000.53	Program Fees	\$ 284,980.35
Contractual	\$ 111,087.06	Other Funds	\$ -
Supplies	\$ 11,339.31	Federal Funds	\$ -
Other	\$ 202.14	General Funds	\$ 357,555.85
Total	\$ 528,629.04	Total	\$ 642,536.20

Staff Resources:	FTEs
General Funds	10.75
Federal Funds	0.00
Fees/Other Funds	3.50
Total	14.25



Program Conclusion

Currently, the Solid Waste Program is operating adequately. However, funding for this program is largely reliant on prior year carryover balances and state General Funds. While this is an appropriate use of General Funds (as the program benefits the general public, not an individual) and is similar to other states' models, any increases in program fees could reduce the state General Fund needed to maintain the program and generate additional revenues to sustain the program when carryover funds are no longer available.

Program Fees

SOLID WASTE					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
Transporter: Solid Waste	Annual	\$300.00	July 1, 1991	68 Del Laws, Chapter 86	83
Solid Waste Permit (sanitary landfills, transfer stations, etc.)	Annual	\$7,000.00	July 1, 1991	68 Del Laws, Chapter 86	38
Recycling Permit	Annual	\$750.00	July 1, 1991	68 Del Laws, Chapter 86	10
Composting Permit (3 Categories of fees based on types of feed stocks and volume) Category 1 = \$750/yr, Category 2 = \$1,500/yr, Category 3 = \$3,000/yr.	Annual	\$750.00 to \$3,000 Category 1 = \$750/yr, Category 2 = \$1,500/yr, Category 3 = \$3,000/yr	July 1, 1991	68 Del Laws, Chapter 86	3 (2 larger facilities recently closed)

Underground Storage Tanks

The Underground Storage Tank (UST) Program is responsible for preventing releases to the environment by ensuring that owners and operators of underground storage tanks install, operate, and maintain their systems pursuant to state regulations. Delaware has approximately 510 active UST facilities including gas stations, manufacturing facilities, churches, and apartment buildings that are inspected every three years. The program works together with the Leaking Underground Storage Tank Cleanup Program to ensure that properties contaminated due to releases from USTs get cleaned up according to state standards.

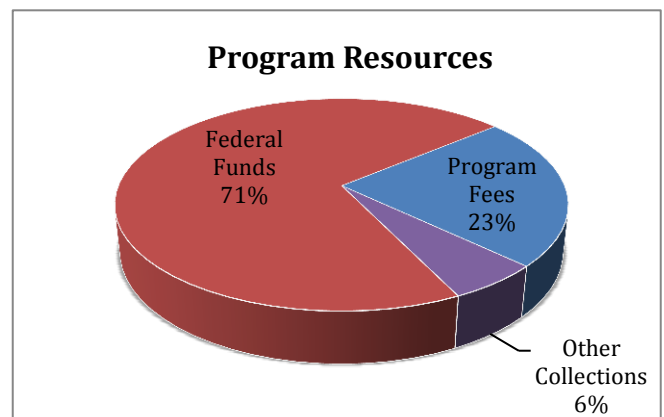
The UST Program also partners with DNREC's Division of Air Quality to implement a vapor recovery program to ensure the safe operation of vapor recovery systems at gasoline dispensing facilities. UST program staff issue permits to construct and operate vapor recovery systems and the systems are integrated into the overall design of the tank systems located at a gas station. In Delaware, there are 380 facilities that have to comply with vapor recovery requirements.

Resources for this program include federal grant funds, program fees (UST contractor and registration fees and vapor recovery permits), and minor subsidies from other fee programs (such as the Hazardous Substance Cleanup Fund (HSCA)).

Fiscal 2016 Program Costs and Resources

Program Costs:		Program Resources:	
Personnel	\$ 165,554.90	Program Fees	\$ 196,536.99
Contractual	\$ 501,630.79	Other Collections	\$ 48,532.77
Supplies	\$ 4,340.45	Federal Funds	\$ 602,717.49
Other	\$ 1,757.28	General Funds	\$ -
Total	\$ 673,283.42	Total	\$ 847,787.25

Staff Resources:	FTE
General Funds	0.0
Federal Funds	7.0
Fees/Other Funds	7.0
Total	14.0



Program Conclusion

Currently, the UST Program is operating adequately. However, the majority of the operating costs are funded through a federal grant which may be susceptible to reductions given the current uncertainty of federal funding levels. The program also charges some costs to other fee programs (HSCA, etc.), which is an appropriate use of funds, but such funds may not be available in some years.

Program Fees

UNDERGROUND STORAGE TANKS					
Fee Description	Fee Occurrence	Current Fee Amount	Date of Last Change	Authorizing Source	Estimated # Issued Annually
UST Contractor Certification	Certification renewal every 2 years	Business Entity: \$250.00; Individual: \$100.00	September 30, 1995	7 Del. Code, Chapter 74, Section §7425	Business: 40 Individual: 90
UST Registration Fee	Annual	\$50.00	July 12, 1985	7 Del. Code §7418	1,133
VOC Control System Construction at a Bulk Gas Terminal	One-time upon submittal of installation plan	\$265.00	July 1, 1991	7 Del. Code §6003 (f)	0
VOC Control System - Construction at Gas Dispensing Facility	One-time upon submittal of installation plan	\$120.00	July 1, 1991	7 Del. Code §6003 (f)	39
VOC Control System Stage II Permit Fee at bulk gas facility	Annual	\$150.00	July 1, 1991	7 Del. Code §6003 (f)	0
VOC Control System Stage I Permit Fee at gas dispensing facility	Annual	\$75.00	July 1, 1991	7 Del. Code §6003 (f)	314
VOC Control System Stage II Permit Fee at gas dispensing facility.	Annual	\$75.00	July 1, 1991	7 Del. Code §6003 (f)	278

Supplemental Annual Program Reports

The following fee programs are administered by DNREC, but are statutorily required to be reported annually, and are therefore supplemental to the fee program analysis provided in this report:

State Emergency Response Commission

2015 Annual Report

<http://www.dnrec.delaware.gov/SERC/Information/Documents/FY2015%20SERC%20Annual%20Report.pdf>

Title V Committee

2016 Annual Report

[http://www.dnrec.delaware.gov/Air/Documents/2016Title%20V%20Fee%20Committee%20Status%20Report\(Final\)6.30.17.pdf](http://www.dnrec.delaware.gov/Air/Documents/2016Title%20V%20Fee%20Committee%20Status%20Report(Final)6.30.17.pdf)

Hazardous Substance Cleanup Act

Fiscal Year 2018 Annual Report and Expenditure Plan

<http://www.dnrec.delaware.gov/dwhs/SIRB/Documents/HSCA%20Annual%20Report%20FY18r.pdf>